



Second Brainstorm Session

Corridor Options

Tampa Bay History Center

Tuesday April 4, 2017





Welcome & Opening Remarks

Jean Duncan, P.E., Director

City of Tampa Transportation and Stormwater
Services Department





Getting Started

Steve Schukraft, HDR



Get Ready...

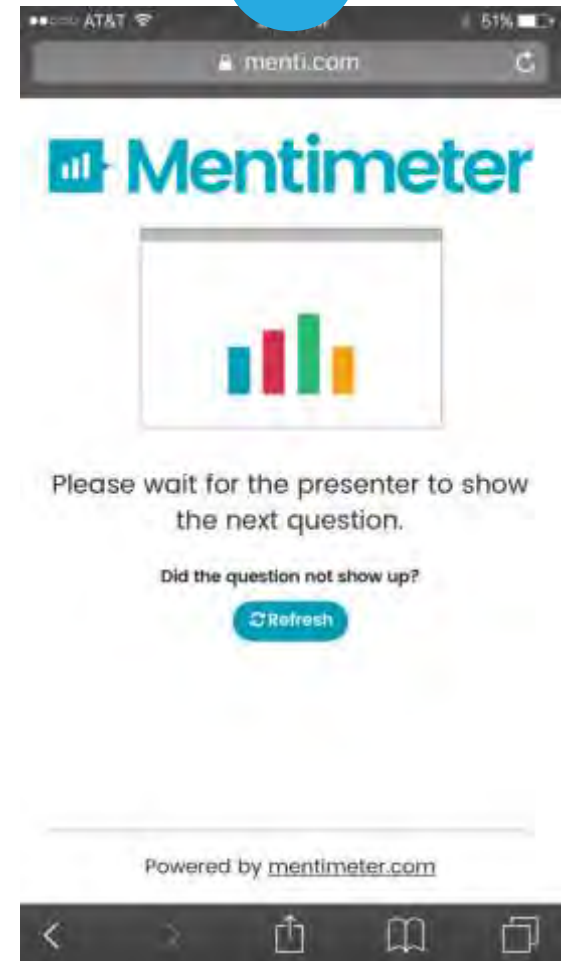
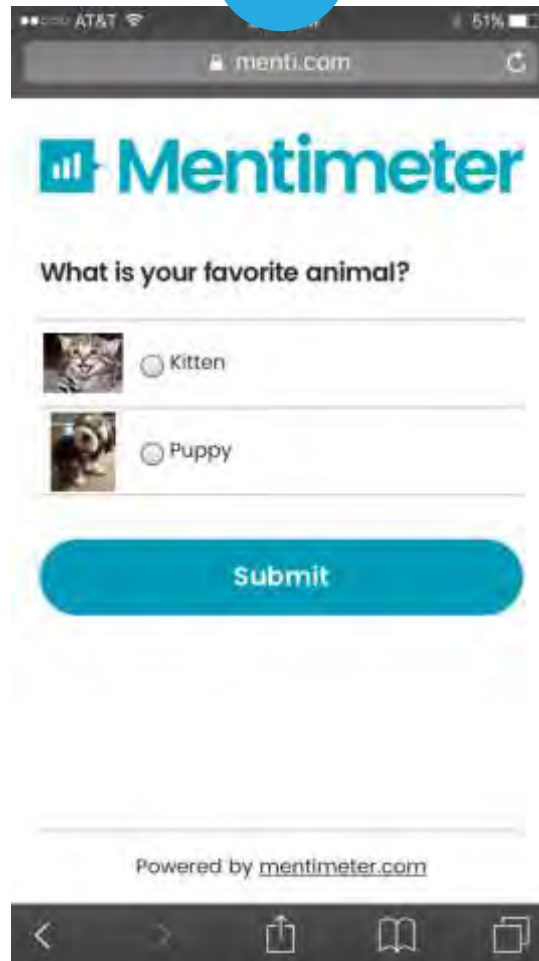
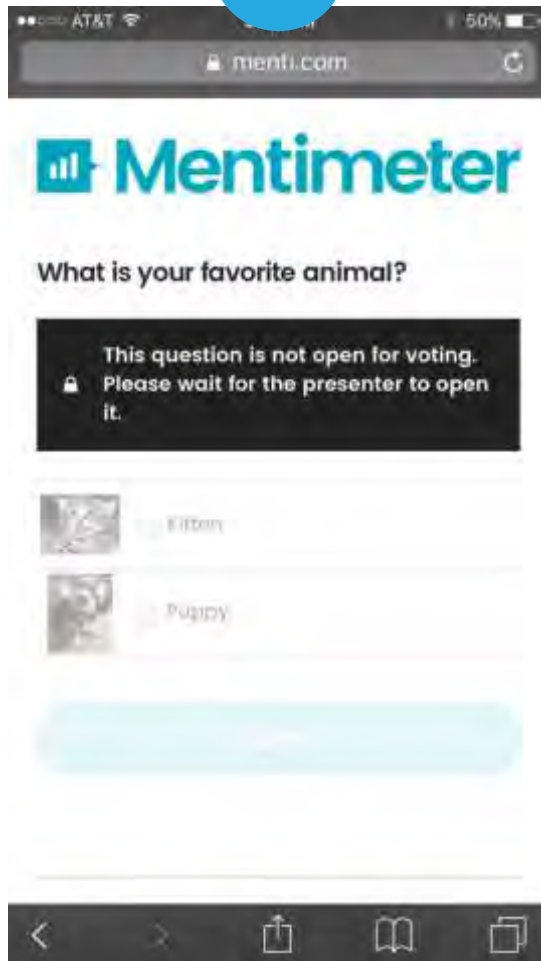
- Instructions on your table.
- Grab your smartphone or tablet.
- Open your browser.
- Access www.menti.com.
- Enter meeting code

43 69 62



What You'll See...

1

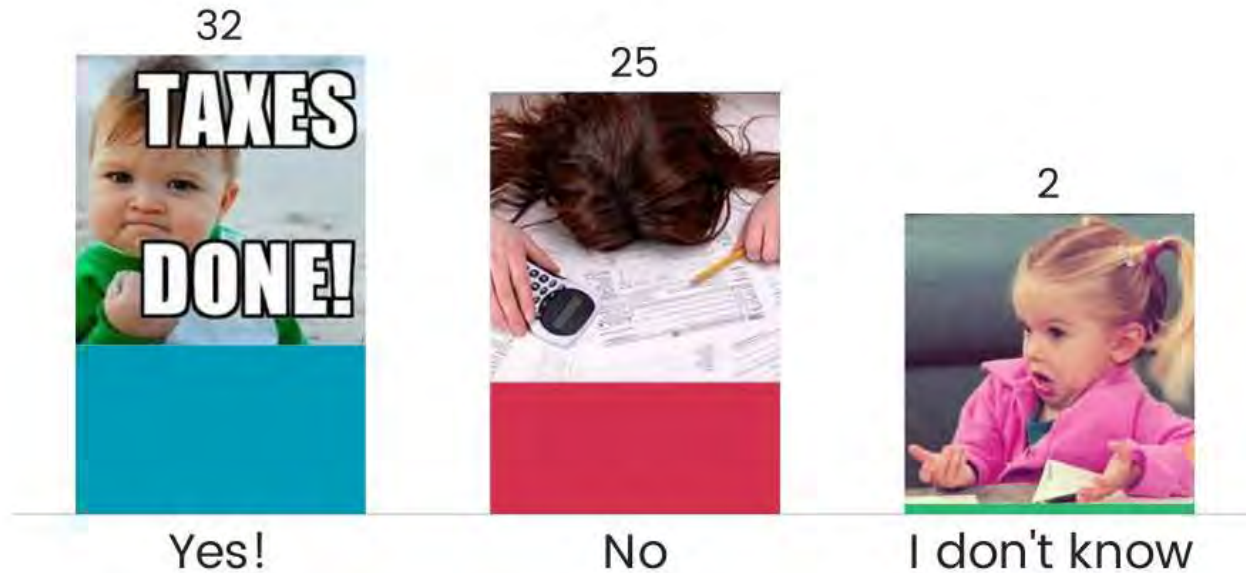




Test Question

Have you done your taxes yet?

Mentimeter



59

PHASE 1 BRAINSTORMING SESSIONS

1

First Brainstorm Session

Tuesday, March 7, 2017 at 5:30 p.m.
Tampa Bay History Center

2

Second Brainstorm Session

Tuesday, April 4, 2017 at 5:30 p.m.
Tampa Bay History Center

3

Results Roundtable

Tuesday, May 2, 2017 at 5:30 p.m.
Ybor Room, HCC Ybor Campus

What we heard...



What we heard...

"The service will need high frequency to succeed."

"Primarily, we need strong downtown connectivity."

"focus on transit-dependent workers."

"The three different options seem too singular."

"Secondly, create regional extensions."

"Consider future transit options."

"We need all of the above."

"Loop the existing track."

COMMENT FORM

INVISION:
TAMPA STREETCAR
TRANSFORMING TAMPA'S TRANSIT

Please share your thoughts and ideas for the future of the Streetcar System.

Comments: Primary need: loop existing track up Franklin to Palm, then across P connect at 15th St. or 22nd St. Second extension lines from Palm up to 4th Convention Center to Hyde Park, F Main St out to W. Tampa. Another be an East Loop (existing track plus Palm & loop) along with West Loop West on Palm, South on Boulevard on Brorain). Must have multiple not lines, to cut wait time. Should lanes for streetcar & bikes or within some turning lanes.

Date: 3/7/17

Name: Hope Donnelly

Street Address: [REDACTED]

City, State, Zip: Tampa FL 33602

Phone: [REDACTED]

Email: [REDACTED]

Please leave in the comment box or return by mail to:

ATTN: Milton Martinez, PE
City of Tampa Transportation and
Stormwater Services Department
306 E. Jackson Street, 4E
Tampa, FL 33602

COMMENT FORM

INVISION:
TAMPA STREETCAR
TRANSFORMING TAMPA'S TRANSIT

Please share your thoughts and ideas for the future of the Streetcar System.

Comments: Transit Hub Connected

- Union Train Station
 - Cruise Terminal
 - MTC - Marion Transit Center
 - Trolley Stops & Trolley Bus
 - Greyhound Station
 - Water Taxi & eventual greenway
- Please connect these later!

Date: 3.7.2017

Name: Ingrid Smith

Street Address: [REDACTED]

City, State, Zip: 55604

Phone: [REDACTED]

Email: [REDACTED]

© Verizon.net

Please leave in the comment box or return by mail to:

ATTN: Milton Martinez, PE
City of Tampa Transportation and
Stormwater Services Department
306 E. Jackson Street, 4E
Tampa, FL 33602

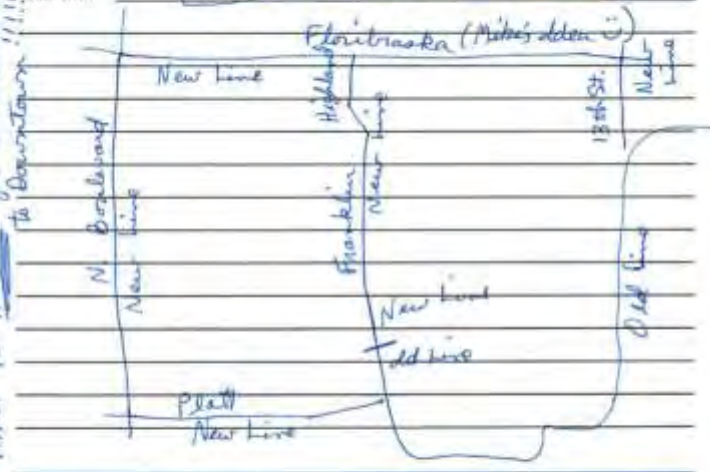
COMMENT FORM

INVISION:
TAMPA STREETCAR
TRANSFORMING TAMPA'S TRANSIT

Please share your thoughts and ideas for the future of the Streetcar System.

Comments:

First Version of a 'Wish System'



Date: Tues, March 7

Name: LaCine Honeysett

Street Address: [REDACTED]

City, State, Zip: TAMPA, FL 33603-

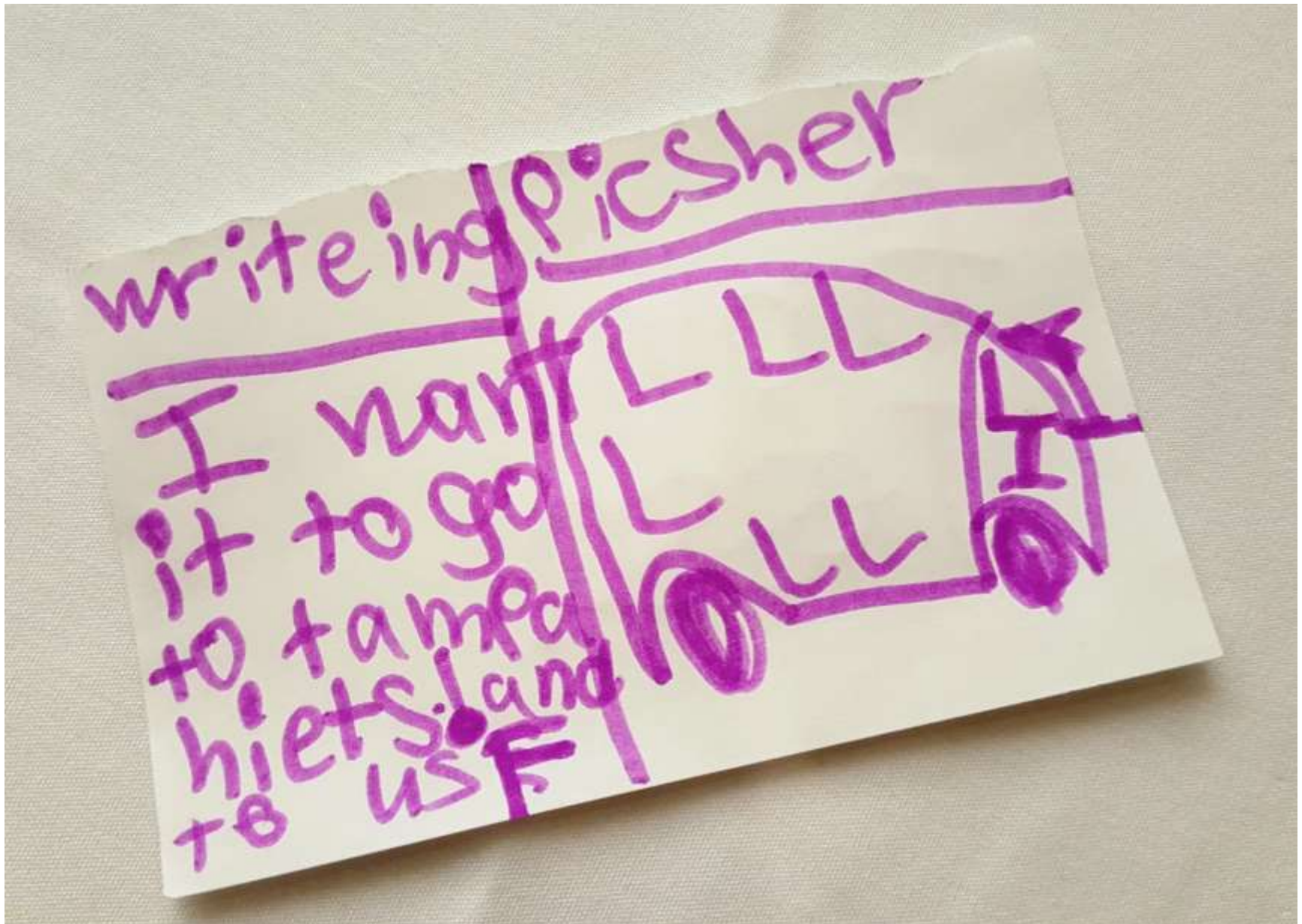
Phone: [REDACTED]

Email: [REDACTED]

gte.net

Please leave in the comment box or return by mail to:

ATTN: Milton Martinez, PE
City of Tampa Transportation and
Stormwater Services Department
306 E. Jackson Street, 4E
Tampa, FL 33602



PHASE 1 BRAINSTORMING SESSIONS

2

Second Brainstorm Session

Tuesday, April 4, 2017 at 5:30 p.m.
Tampa Bay History Center

Tonight's Agenda

- Review Project Basics
- Draft Purpose & Need
- Discussion of Corridor Options



Project Basics

Steve Schukraft, HDR



STUDY PURPOSE



- Find solutions that support the vision for a **livable, connected, and competitive Downtown**.
- Define alternatives for modernization and extension.
- Assess innovative technologies, costs, benefits, and community impacts.
- Coordinate with the Regional Premium Transit Study.

STUDY MANAGEMENT

A Joint Project Agreement between the City of Tampa and FDOT



FDOT (Study Sponsor)



City of Tampa (Owner)



HART (Operator)

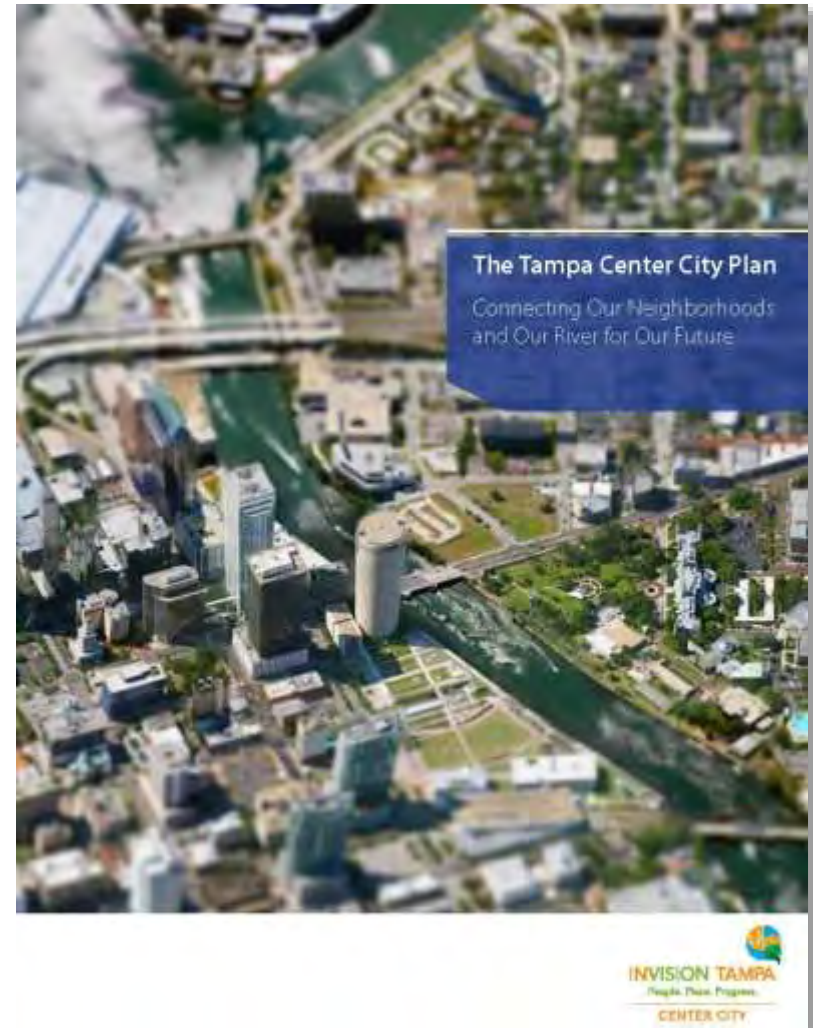


HDR (Lead Consultant)

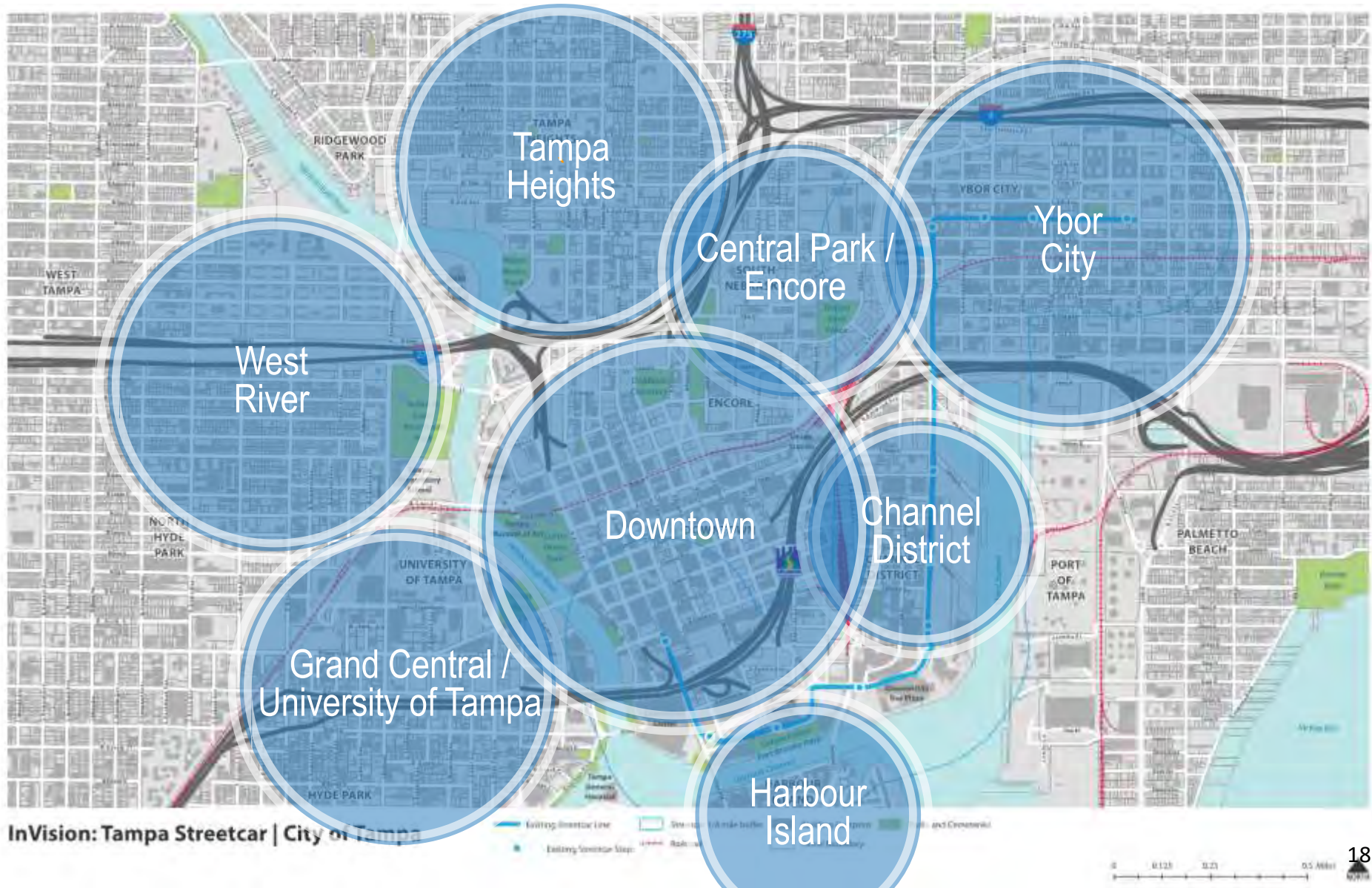
with Kimley-Horn & Associates, Inc.,
B2 Communications, Boothe Transit
Consulting and others.

PLANNING FRAMEWORK

- InVision Tampa's Center City Plan recognized the need to extend and expand streetcar operations.
- Uses a broad definition of Downtown – Ybor City, Central Park, West River, Channel District, Harbour Island, & Tampa Heights.



STUDY SCOPE



PLANNING FRAMEWORK



- **Tampa Historic Streetcar Extension Study**
Hillsborough Area Regional Transit Authority
December 2014



- **Transit Assets & Opportunities Study**
Hillsborough County MPO & The Tampa Downtown Partnership
September 2014

PLANNING FRAMEWORK

RELATED STUDIES UNDERWAY

- **Regional Premium Transit Study**
- **Transit Development Plan Update**
- **Autonomous Transit Pilot Project**

PROJECT TIMELINE

PHASE 1 **FEASIBILITY**

Spring - Summer 2017

KEY TASKS

- Purpose & Need
- Concept Alternatives
- Impact Evaluation
- Funding & Implementation
- FTA Request to Advance

PHASE 2 **PROJECT DEVELOPMENT**

Summer 2017 - Summer 2018

KEY TASKS

- Preferred Alternative
- Preliminary Design & Engineering
- Impact Assessment
- Funding & Implementation
- FTA Request for Funding

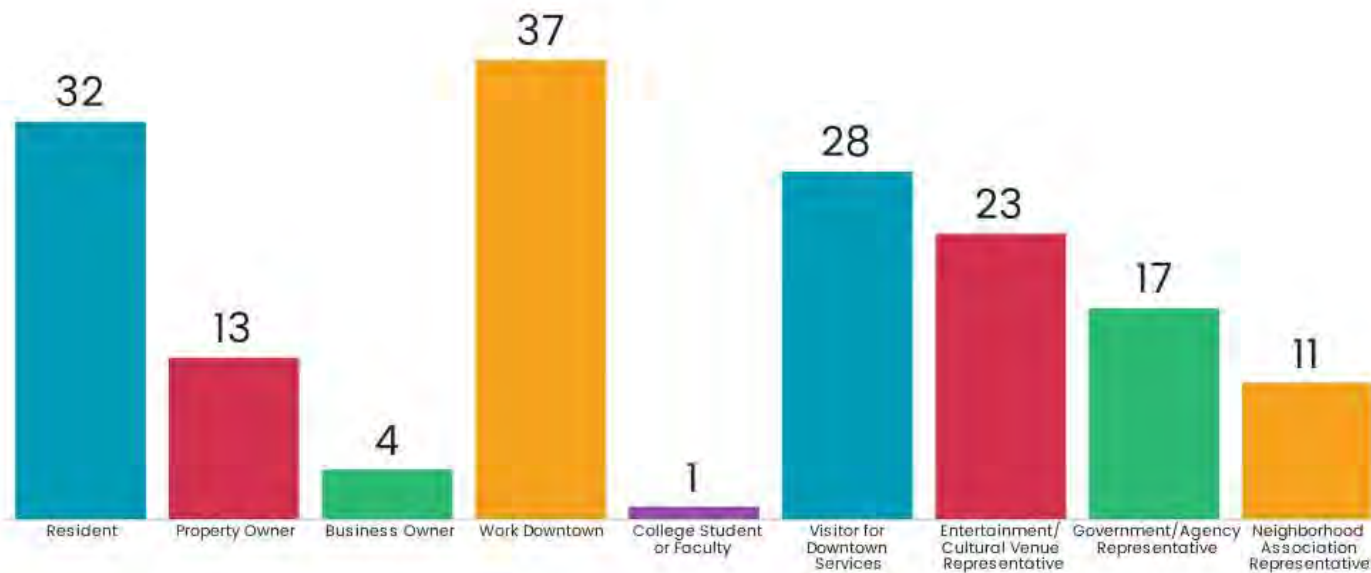
Stakeholder engagement and communications through both phases with workshops, briefings, web site, social media, etc.



Who's with us tonight?

What is your interest in the downtown area? (pick your top 3)

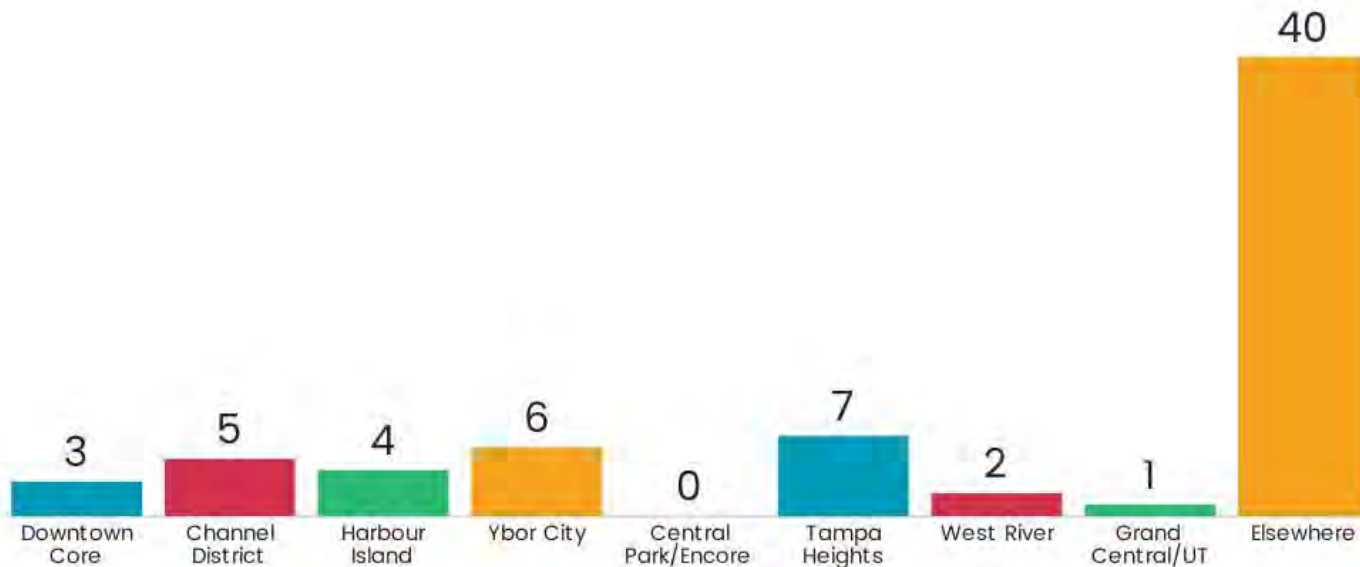
Mentimeter



65

What neighborhood do you live in?

Mentimeter



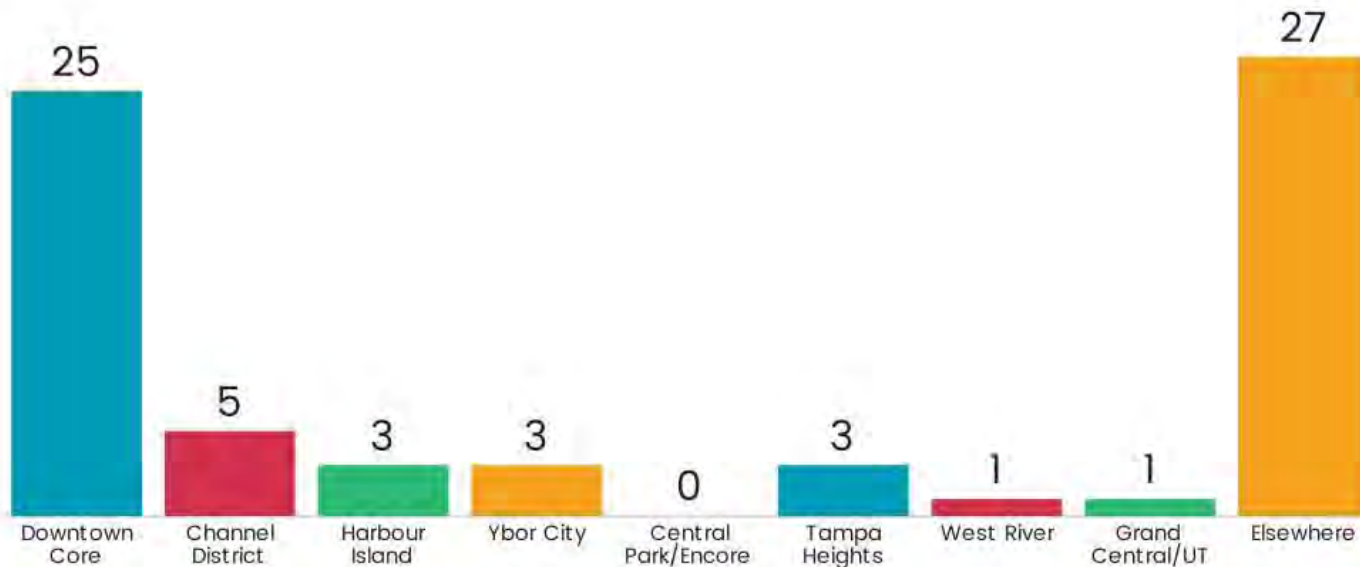
68

Where do you live? (enter your zip code)

 Mentimeter 68

What neighborhood do you work in?

Mentimeter



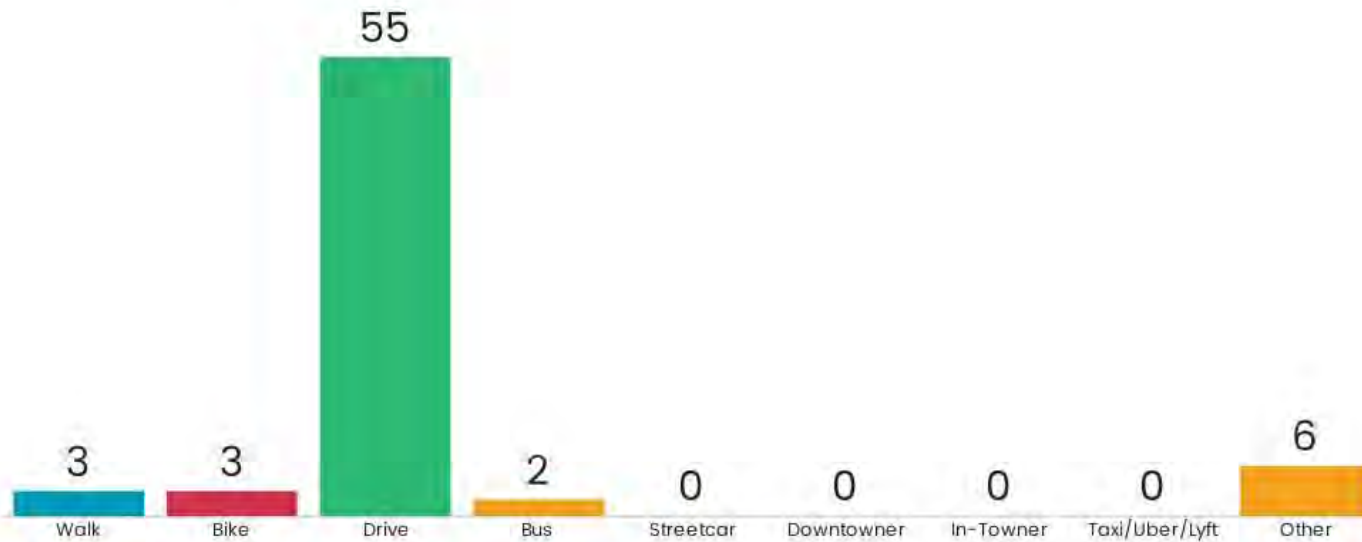
68

Where do you work? (enter your zip code)

 Mentimeter 68

What's your primary way to get between home and work?

Mentimeter



69



Draft Purpose & Need

Steve Schukraft, HDR

Clarence Eng, Kimley-Horn



Draft Purpose & Need Statement

- Statement is a description of **opportunities, issues, and problems** that can be addressed by a potential transit investment.
- **Key considerations in drafting the statement:**
 - Land Use and Economic Development
 - Mobility Improvement and Congestion Relief
 - Environmental and Community Benefits-Impacts
- **Important tool to develop and evaluate options and alternatives.**



Connect Downtown Subdistrict



Serve Travel Markets



Improve First Mile/Last Mile Connections



Support Economic Development

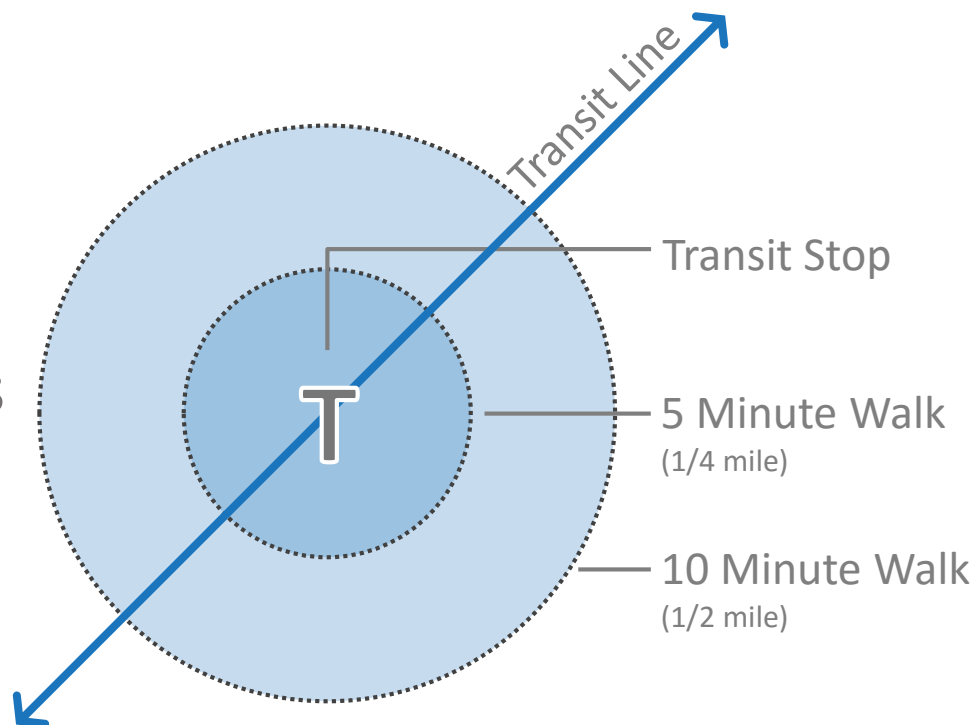


Expand Sustainable Transportation Options

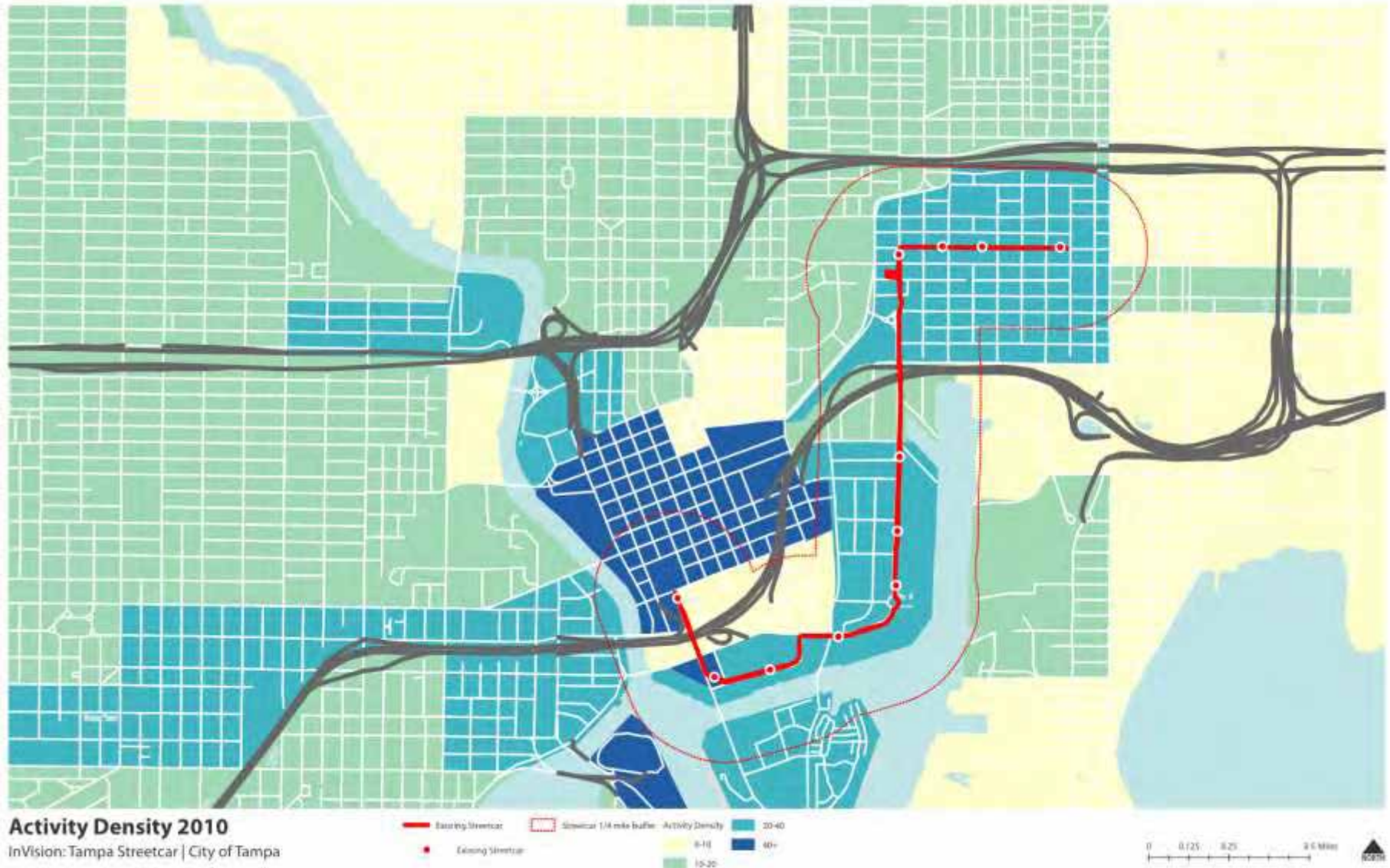
Connect Downtown Subdistricts

Improve mobility within and between existing City Center subdistricts with transit-supportive land use and development.

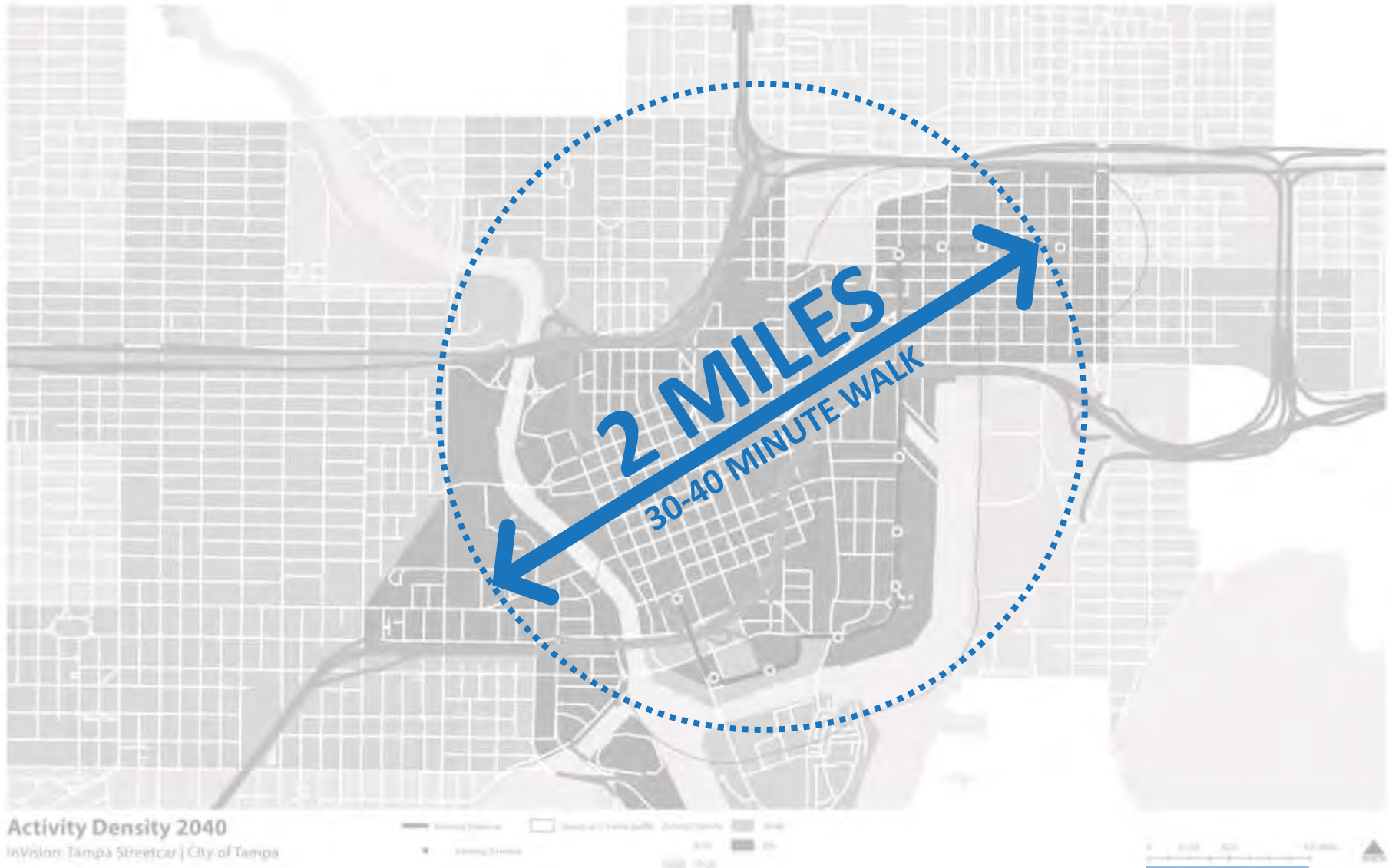
- High Density
- Compact, Urban Form
- Transit Supportive Uses
- Highly Walkable Places
- Supportive Mobility



Population & Employment - 2010



TRAVEL DISTANCES

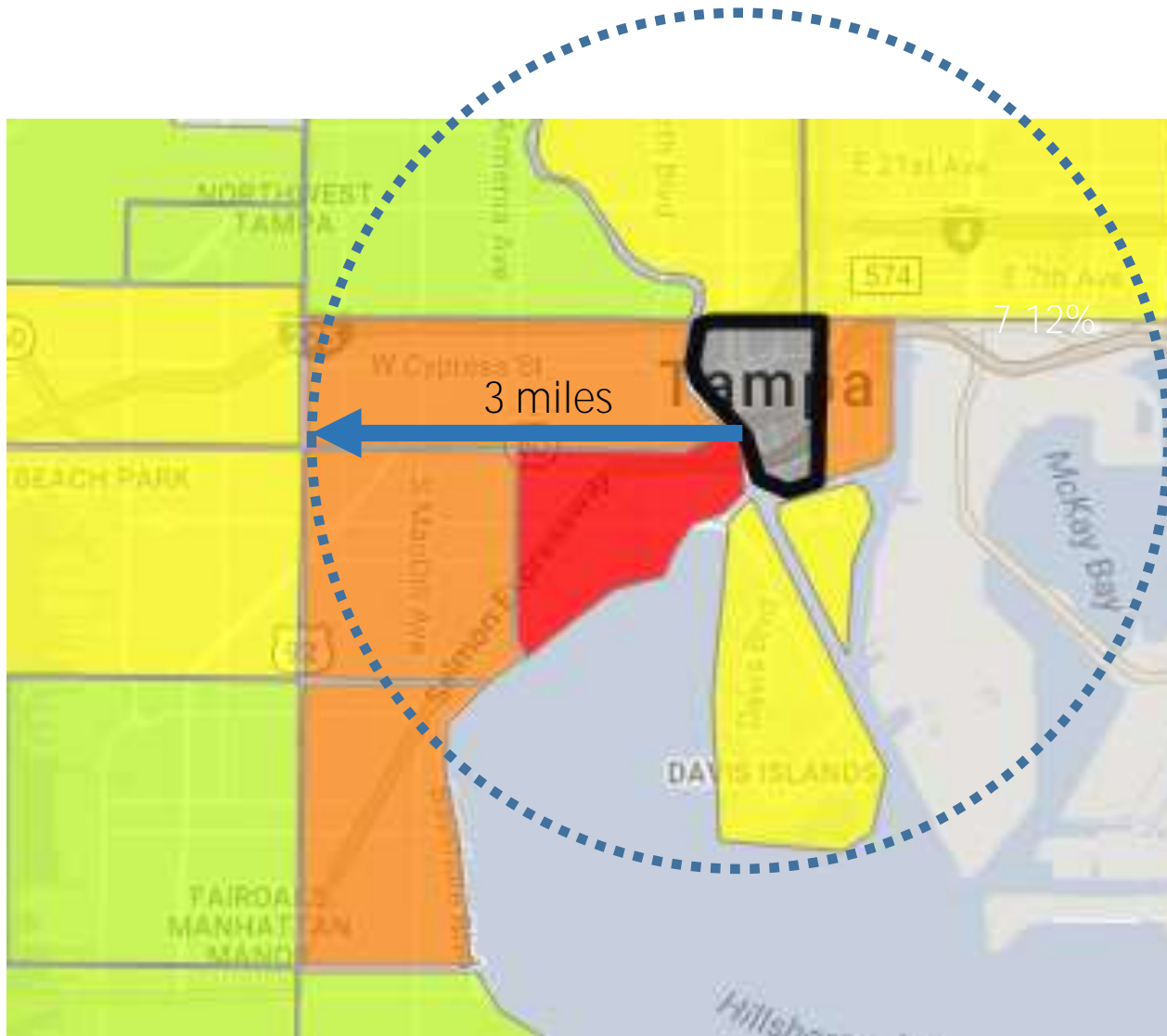


Serve Travel Markets

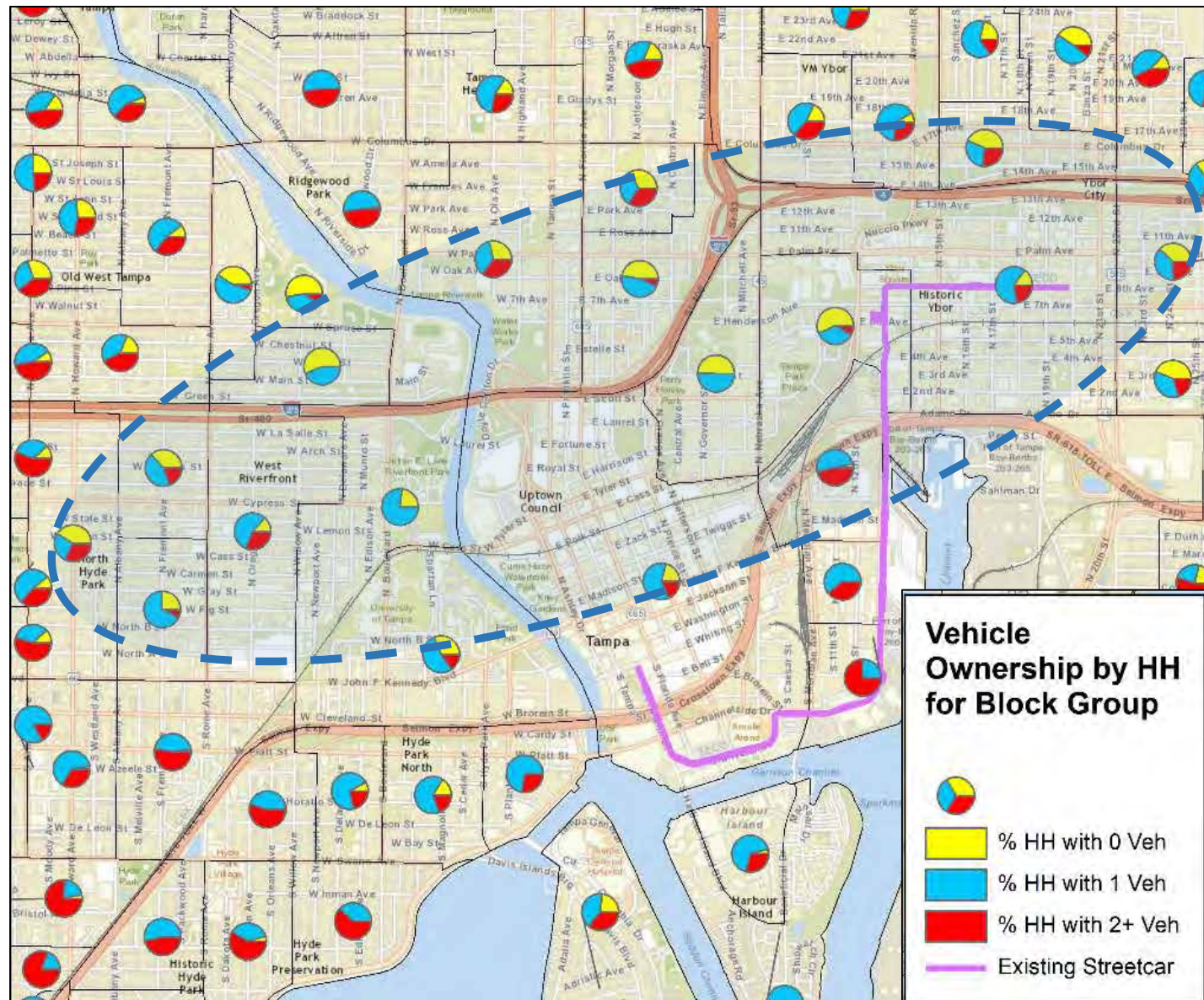
Provide improved mobility to meet the diverse needs of City Center residents, workers, and visitors, including transit-dependent people.

- City Center Residents
- City Center Workers
- Students/Faculty
- Shoppers/Diners
- Tourists/Business
- Arts/Culture/Sports
- Courts & Gov't Offices
- Special Events

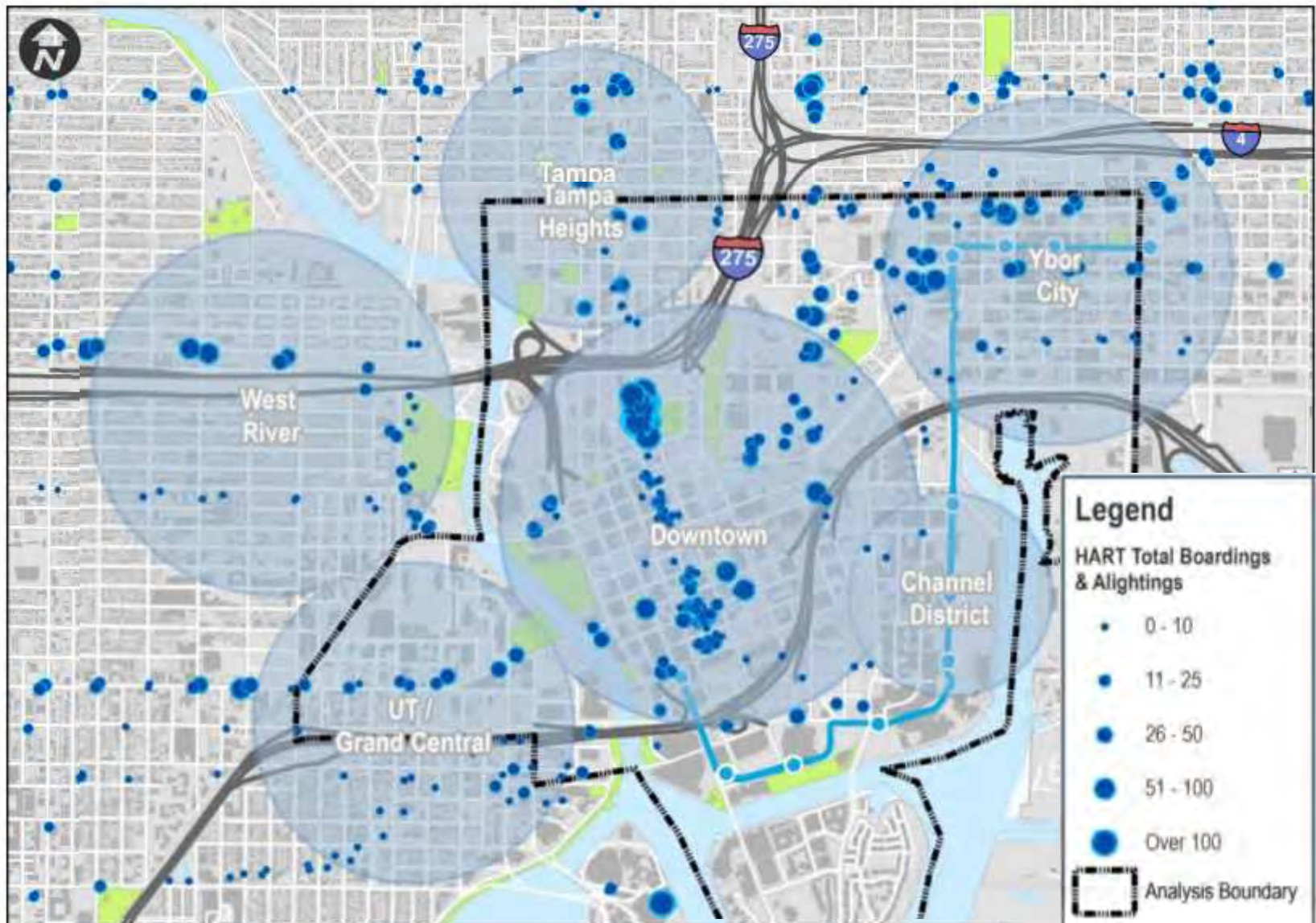
City Center / Downtown Core Travel Markets



Household Vehicle Ownership (2010)



Daily Transit Ridership Activity (HART APC)



Approximately **8,200** HART transit riders per weekday in the study area. 38

Improve First Mile/Last Mile Connections

Improve access to regional transit services and improve first mile/last mile connections between City Center destinations, regional transit centers, and high capacity parking locations.

MTC & MARION TRANSITWAY

- Express and Local Bus
- Regional Bus

UNION STATION

- Amtrak

GARRISON CHANNEL

- Water Ferry

FUTURE TRANSIT HUBS

- Intermodal Center
- Bright Line/All Aboard Florida
- Regional Fixed Guideway

PUBLIC PARKING RESOURCES

- Garages – Poe, Ft Brooke, Whiting, and Ybor City

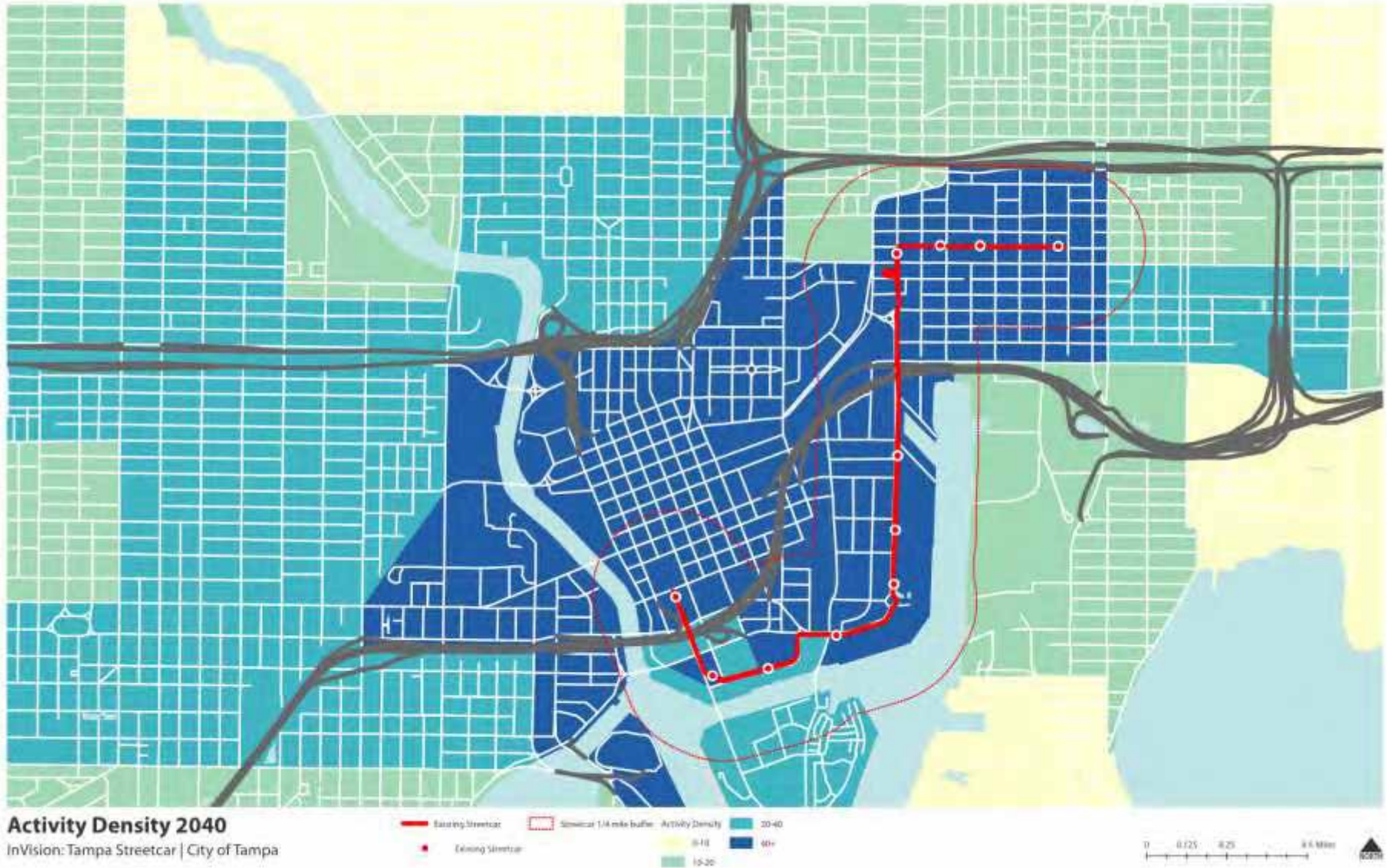
Support Economic Development

Advance the InVision City Center development plan through the provision of improved mobility service to emerging subdistricts and destinations.



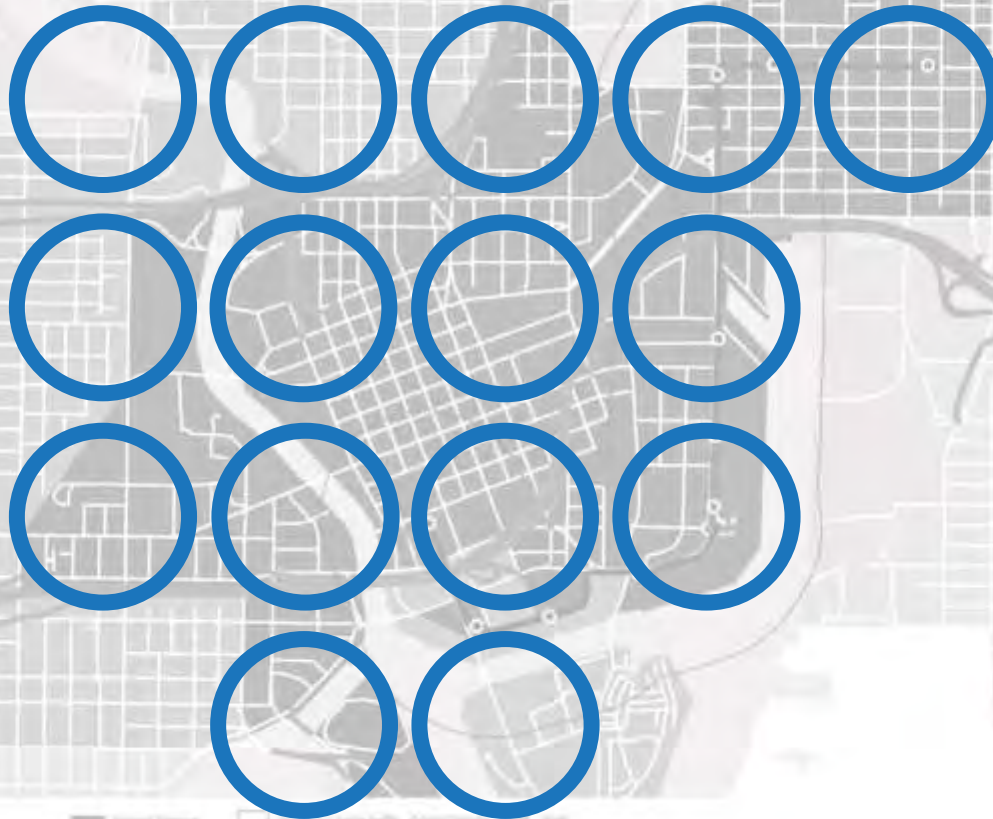
- Waterfront District
- Port Tampa Bay
- Central Park/Encore
- The Heights
- West River
- Grand Central/University of Tampa

Population & Employment - 2040



Transit-Supportive Places

=15 TRANSIT-ORIENTED
DEVELOPMENTS



Activity Density 2040

INVISION: Tampa Streetcar | City of Tampa

Legend: Existing Streetcar, Proposed Streetcar, Activity Density 2040, 2040-2050, 2050-2060, 2060-2070, 2070-2080, 2080-2090, 2090-2100, 2100-2110, 2110-2120, 2120-2130, 2130-2140, 2140-2150, 2150-2160, 2160-2170, 2170-2180, 2180-2190, 2190-2200, 2200-2210, 2210-2220, 2220-2230, 2230-2240, 2240-2250, 2250-2260, 2260-2270, 2270-2280, 2280-2290, 2290-2300, 2300-2310, 2310-2320, 2320-2330, 2330-2340, 2340-2350, 2350-2360, 2360-2370, 2370-2380, 2380-2390, 2390-2400, 2400-2410, 2410-2420, 2420-2430, 2430-2440, 2440-2450, 2450-2460, 2460-2470, 2470-2480, 2480-2490, 2490-2500, 2500-2510, 2510-2520, 2520-2530, 2530-2540, 2540-2550, 2550-2560, 2560-2570, 2570-2580, 2580-2590, 2590-2600, 2600-2610, 2610-2620, 2620-2630, 2630-2640, 2640-2650, 2650-2660, 2660-2670, 2670-2680, 2680-2690, 2690-2700, 2700-2710, 2710-2720, 2720-2730, 2730-2740, 2740-2750, 2750-2760, 2760-2770, 2770-2780, 2780-2790, 2790-2800, 2800-2810, 2810-2820, 2820-2830, 2830-2840, 2840-2850, 2850-2860, 2860-2870, 2870-2880, 2880-2890, 2890-2900, 2900-2910, 2910-2920, 2920-2930, 2930-2940, 2940-2950, 2950-2960, 2960-2970, 2970-2980, 2980-2990, 2990-3000, 3000-3010, 3010-3020, 3020-3030, 3030-3040, 3040-3050, 3050-3060, 3060-3070, 3070-3080, 3080-3090, 3090-3100, 3100-3110, 3110-3120, 3120-3130, 3130-3140, 3140-3150, 3150-3160, 3160-3170, 3170-3180, 3180-3190, 3190-3200, 3200-3210, 3210-3220, 3220-3230, 3230-3240, 3240-3250, 3250-3260, 3260-3270, 3270-3280, 3280-3290, 3290-3300, 3300-3310, 3310-3320, 3320-3330, 3330-3340, 3340-3350, 3350-3360, 3360-3370, 3370-3380, 3380-3390, 3390-3400, 3400-3410, 3410-3420, 3420-3430, 3430-3440, 3440-3450, 3450-3460, 3460-3470, 3470-3480, 3480-3490, 3490-3500, 3500-3510, 3510-3520, 3520-3530, 3530-3540, 3540-3550, 3550-3560, 3560-3570, 3570-3580, 3580-3590, 3590-3600, 3600-3610, 3610-3620, 3620-3630, 3630-3640, 3640-3650, 3650-3660, 3660-3670, 3670-3680, 3680-3690, 3690-3700, 3700-3710, 3710-3720, 3720-3730, 3730-3740, 3740-3750, 3750-3760, 3760-3770, 3770-3780, 3780-3790, 3790-3800, 3800-3810, 3810-3820, 3820-3830, 3830-3840, 3840-3850, 3850-3860, 3860-3870, 3870-3880, 3880-3890, 3890-3900, 3900-3910, 3910-3920, 3920-3930, 3930-3940, 3940-3950, 3950-3960, 3960-3970, 3970-3980, 3980-3990, 3990-4000, 4000-4010, 4010-4020, 4020-4030, 4030-4040, 4040-4050, 4050-4060, 4060-4070, 4070-4080, 4080-4090, 4090-4100, 4100-4110, 4110-4120, 4120-4130, 4130-4140, 4140-4150, 4150-4160, 4160-4170, 4170-4180, 4180-4190, 4190-4200, 4200-4210, 4210-4220, 4220-4230, 4230-4240, 4240-4250, 4250-4260, 4260-4270, 4270-4280, 4280-4290, 4290-4300, 4300-4310, 4310-4320, 4320-4330, 4330-4340, 4340-4350, 4350-4360, 4360-4370, 4370-4380, 4380-4390, 4390-4400, 4400-4410, 4410-4420, 4420-4430, 4430-4440, 4440-4450, 4450-4460, 4460-4470, 4470-4480, 4480-4490, 4490-4500, 4500-4510, 4510-4520, 4520-4530, 4530-4540, 4540-4550, 4550-4560, 4560-4570, 4570-4580, 4580-4590, 4590-4600, 4600-4610, 4610-4620, 4620-4630, 4630-4640, 4640-4650, 4650-4660, 4660-4670, 4670-4680, 4680-4690, 4690-4700, 4700-4710, 4710-4720, 4720-4730, 4730-4740, 4740-4750, 4750-4760, 4760-4770, 4770-4780, 4780-4790, 4790-4800, 4800-4810, 4810-4820, 4820-4830, 4830-4840, 4840-4850, 4850-4860, 4860-4870, 4870-4880, 4880-4890, 4890-4900, 4900-4910, 4910-4920, 4920-4930, 4930-4940, 4940-4950, 4950-4960, 4960-4970, 4970-4980, 4980-4990, 4990-5000, 5000-5010, 5010-5020, 5020-5030, 5030-5040, 5040-5050, 5050-5060, 5060-5070, 5070-5080, 5080-5090, 5090-5100, 5100-5110, 5110-5120, 5120-5130, 5130-5140, 5140-5150, 5150-5160, 5160-5170, 5170-5180, 5180-5190, 5190-5200, 5200-5210, 5210-5220, 5220-5230, 5230-5240, 5240-5250, 5250-5260, 5260-5270, 5270-5280, 5280-5290, 5290-5300, 5300-5310, 5310-5320, 5320-5330, 5330-5340, 5340-5350, 5350-5360, 5360-5370, 5370-5380, 5380-5390, 5390-5400, 5400-5410, 5410-5420, 5420-5430, 5430-5440, 5440-5450, 5450-5460, 5460-5470, 5470-5480, 5480-5490, 5490-5500, 5500-5510, 5510-5520, 5520-5530, 5530-5540, 5540-5550, 5550-5560, 5560-5570, 5570-5580, 5580-5590, 5590-5600, 5600-5610, 5610-5620, 5620-5630, 5630-5640, 5640-5650, 5650-5660, 5660-5670, 5670-5680, 5680-5690, 5690-5700, 5700-5710, 5710-5720, 5720-5730, 5730-5740, 5740-5750, 5750-5760, 5760-5770, 5770-5780, 5780-5790, 5790-5800, 5800-5810, 5810-5820, 5820-5830, 5830-5840, 5840-5850, 5850-5860, 5860-5870, 5870-5880, 5880-5890, 5890-5900, 5900-5910, 5910-5920, 5920-5930, 5930-5940, 5940-5950, 5950-5960, 5960-5970, 5970-5980, 5980-5990, 5990-6000, 6000-6010, 6010-6020, 6020-6030, 6030-6040, 6040-6050, 6050-6060, 6060-6070, 6070-6080, 6080-6090, 6090-6100, 6100-6110, 6110-6120, 6120-6130, 6130-6140, 6140-6150, 6150-6160, 6160-6170, 6170-6180, 6180-6190, 6190-6200, 6200-6210, 6210-6220, 6220-6230, 6230-6240, 6240-6250, 6250-6260, 6260-6270, 6270-6280, 6280-6290, 6290-6300, 6300-6310, 6310-6320, 6320-6330, 6330-6340, 6340-6350, 6350-6360, 6360-6370, 6370-6380, 6380-6390, 6390-6400, 6400-6410, 6410-6420, 6420-6430, 6430-6440, 6440-6450, 6450-6460, 6460-6470, 6470-6480, 6480-6490, 6490-6500, 6500-6510, 6510-6520, 6520-6530, 6530-6540, 6540-6550, 6550-6560, 6560-6570, 6570-6580, 6580-6590, 6590-6600, 6600-6610, 6610-6620, 6620-6630, 6630-6640, 6640-6650, 6650-6660, 6660-6670, 6670-6680, 6680-6690, 6690-6700, 6700-6710, 6710-6720, 6720-6730, 6730-6740, 6740-6750, 6750-6760, 6760-6770, 6770-6780, 6780-6790, 6790-6800, 6800-6810, 6810-6820, 6820-6830, 6830-6840, 6840-6850, 6850-6860, 6860-6870, 6870-6880, 6880-6890, 6890-6900, 6900-6910, 6910-6920, 6920-6930, 6930-6940, 6940-6950, 6950-6960, 6960-6970, 6970-6980, 6980-6990, 6990-7000, 7000-7010, 7010-7020, 7020-7030, 7030-7040, 7040-7050, 7050-7060, 7060-7070, 7070-7080, 7080-7090, 7090-7100, 7100-7110, 7110-7120, 7120-7130, 7130-7140, 7140-7150, 7150-7160, 7160-7170, 7170-7180, 7180-7190, 7190-7200, 7200-7210, 7210-7220, 7220-7230, 7230-7240, 7240-7250, 7250-7260, 7260-7270, 7270-7280, 7280-7290, 7290-7300, 7300-7310, 7310-7320, 7320-7330, 7330-7340, 7340-7350, 7350-7360, 7360-7370, 7370-7380, 7380-7390, 7390-7400, 7400-7410, 7410-7420, 7420-7430, 7430-7440, 7440-7450, 7450-7460, 7460-7470, 7470-7480, 7480-7490, 7490-7500, 7500-7510, 7510-7520, 7520-7530, 7530-7540, 7540-7550, 7550-7560, 7560-7570, 7570-7580, 7580-7590, 7590-7600, 7600-7610, 7610-7620, 7620-7630, 7630-7640, 7640-7650, 7650-7660, 7660-7670, 7670-7680, 7680-7690, 7690-7700, 7700-7710, 7710-7720, 7720-7730, 7730-7740, 7740-7750, 7750-7760, 7760-7770, 7770-7780, 7780-7790, 7790-7800, 7800-7810, 7810-7820, 7820-7830, 7830-7840, 7840-7850, 7850-7860, 7860-7870, 7870-7880, 7880-7890, 7890-7900, 7900-7910, 7910-7920, 7920-7930, 7930-7940, 7940-7950, 7950-7960, 7960-7970, 7970-7980, 7980-7990, 7990-8000, 8000-8010, 8010-8020, 8020-8030, 8030-8040, 8040-8050, 8050-8060, 8060-8070, 8070-8080, 8080-8090, 8090-8100, 8100-8110, 8110-8120, 8120-8130, 8130-8140, 8140-8150, 8150-8160, 8160-8170, 8170-8180, 8180-8190, 8190-8200, 8200-8210, 8210-8220, 8220-8230, 8230-8240, 8240-8250, 8250-8260, 8260-8270, 8270-8280, 8280-8290, 8290-8300, 8300-8310, 8310-8320, 8320-8330, 8330-8340, 8340-8350, 8350-8360, 8360-8370, 8370-8380, 8380-8390, 8390-8400, 8400-8410, 8410-8420, 8420-8430, 8430-8440, 8440-8450, 8450-8460, 8460-8470, 8470-8480, 8480-8490, 8490-8500, 8500-8510, 8510-8520, 8520-8530, 8530-8540, 8540-8550, 8550-8560, 8560-8570, 8570-8580, 8580-8590, 8590-8600, 8600-8610, 8610-8620, 8620-8630, 8630-8640, 8640-8650, 8650-8660, 8660-8670, 8670-8680, 8680-8690, 8690-8700, 8700-8710, 8710-8720, 8720-8730, 8730-8740, 8740-8750, 8750-8760, 8760-8770, 8770-8780, 8780-8790, 8790-8800, 8800-8810, 8810-8820, 8820-8830, 8830-8840, 8840-8850, 8850-8860, 8860-8870, 8870-8880, 8880-8890, 8890-8900, 8900-8910, 8910-8920, 8920-8930, 8930-8940, 8940-8950, 8950-8960, 8960-8970, 8970-8980, 8980-8990, 8990-9000, 9000-9010, 9010-9020, 9020-9030, 9030-9040, 9040-9050, 9050-9060, 9060-9070, 9070-9080, 9080-9090, 9090-9100, 9100-9110, 9110-9120, 9120-9130, 9130-9140, 9140-9150, 9150-9160, 9160-9170, 9170-9180, 9180-9190, 9190-9200, 9200-9210, 9210-9220, 9220-9230, 9230-9240, 9240-9250, 9250-9260, 9260-9270, 9270-9280, 9280-9290, 9290-9300, 9300-9310, 9310-9320, 9320-9330, 9330-9340, 9340-9350, 9350-9360, 9360-9370, 9370-9380, 9380-9390, 9390-9400, 9400-9410, 9410-9420, 9420-9430, 9430-9440, 9440-9450, 9450-9460, 9460-9470, 9470-9480, 9480-9490, 9490-9500, 9500-9510, 9510-9520, 9520-9530, 9530-9540, 9540-9550, 9550-9560, 9560-9570, 9570-9580, 9580-9590, 9590-9600, 9600-9610, 9610-9620, 9620-9630, 9630-9640, 9640-9650, 9650-9660, 9660-9670, 9670-9680, 9680-9690, 9690-9700, 9700-9710, 9710-9720, 9720-9730, 9730-9740, 9740-9750, 9750-9760, 9760-9770, 9770-9780, 9780-9790, 9790-9800, 9800-9810, 9810-9820, 9820-9830, 9830-9840, 9840-9850, 9850-9860, 9860-9870, 9870-9880, 9880-9890, 9890-9900, 9900-9910, 9910-9920, 9920-9930, 9930-9940, 9940-9950, 9950-9960, 9960-9970, 9970-9980, 9980-9990, 9990-10000, 10000-10010, 10010-10020, 10020-10030, 10030-10040, 10040-10050, 10050-10060, 10060-10070, 10070-10080, 10080-10090, 10090-10100, 10100-10110, 10110-10120, 10120-10130, 10130-10140, 10140-10150, 10150-10160, 10160-10170, 10170-10180, 10180-10190, 10190-10200, 10200-10210, 10210-10220, 10220-10230, 10230-10240, 10240-10250, 10250-10260, 10260-10270, 10270-10280, 10280-10290, 10290-10300, 10300-10310, 10310-10320, 10320-10330, 10330-10340, 10340-10350, 10350-10360, 10360-10370, 10370-10380, 10380-10390, 10390-10400, 10400-10410, 10410-10420, 10420-10430, 10430-10440, 10440-10450, 10450-10460, 10460-10470, 10470-10480, 10480-10490, 10490-10500, 10500-10510, 10510-10520, 10520-10530, 10530-10540, 10540-10550, 10550-10560, 10560-10570, 10570-10580, 10580-10590, 10590-10600, 10600-10610, 10610-10620, 10620-10630, 10630-10640, 10640-10650, 10650-10660, 10660-10670, 10670-10680, 10680-10690, 10690-10700, 10700-10710, 10710-10720, 10720-10730, 10730-10740, 10740-10750, 10750-10760, 10760-10770, 10770-10780, 10780-10790, 10790-10800, 10800-10810, 10810-10820, 10820-10830, 10830-10840, 10840-10850, 10850-10860, 10860-10870, 10870-10880, 10880-10890, 10890-10900, 10900-10910, 10910-10920, 10920-10930, 10930-10940, 10940-10950, 10950-10960, 10960-10970, 10970-10980, 10980-10990, 10990-11000, 11000-11010, 11010-11020, 11020-11030, 11030-11040, 11040-11050, 11050-11060, 11060-11070, 11070-11080, 11080-11090, 11090-11100, 11100-11110, 11110-11120, 11120-11130, 11130-11140, 11140-11150, 11150-11160, 11160-11170, 11170-11180, 11180-11190, 11190-11200, 11200-11210, 11210-11220, 11220-11230, 11230-11240, 11240-11250, 11250-11260, 11260-11270, 11270-11280, 11280-11290, 11290-11300, 11300-11310, 11310-11320, 11320-11330, 11330-11340, 11340-11350, 11350-11360, 11360-11370, 11370-11380, 11380-11390, 11390-11400, 11400-11410, 11410-11420, 11420-11430, 11430-11440, 11440-11450, 11450-11460, 11460-11470, 11470-11480, 11480-11490, 11490-11500, 11500-11510, 11510-11520, 11520-11530, 11530-11540, 11540-11550, 11550-11560, 11560-11570, 11570-11580, 11580-11590, 11590-11600, 11600-11610, 11610-11620, 11620-11630, 11630-11640, 11640-11650, 11650-11660, 11660-11670, 11670-11680, 11680-11690, 11690-11700, 11700-11710, 11710-11720, 11720-11730, 11730-11740, 11740-11750, 11750-11760, 11760-11770, 11770-11780, 11780-11790, 11790-11800, 11800-11810, 11810-11820, 11820-11830, 11830-11840, 11840-11850, 11850-11860, 11860-11870, 11870-11880, 11880-11890, 11890-11900, 11900-11910, 11910-11920, 11920-11930, 11930-11940, 11940-11950, 11950-11960, 11960-11970, 11970-11980, 11980-11990, 11990-12000, 12000-12010, 12010-12020, 12020-12030, 12030-12040, 12040-12050, 12050-12060, 12060-12070, 12070-12080, 12080-12090, 12090-12100, 12100-12110, 12110-12120, 12120-12130, 12130-12140, 12140-12150, 12150-12160, 12160-12170, 12170-12180, 12180-12190, 12190-12200, 12200-12210, 12210-12220, 12220-12230, 12230-12240, 12240-12250, 12250-12260, 12260-12270, 12270-12280, 12280-12290, 12290-12300, 12300-12310, 12310-12320, 12320-12330, 12330-12340, 12340-12350, 12350-12360, 12360-12370, 12370-12380, 12380-12390, 12390-12400, 12400-12410, 12410-12420, 12420-12430, 12430-12440, 12440-12450, 12450-12460, 12460-12470, 12470-124

Travel Markets – Urban Neighborhoods



New and emerging urban neighborhoods.

Travel Markets – Employment Centers



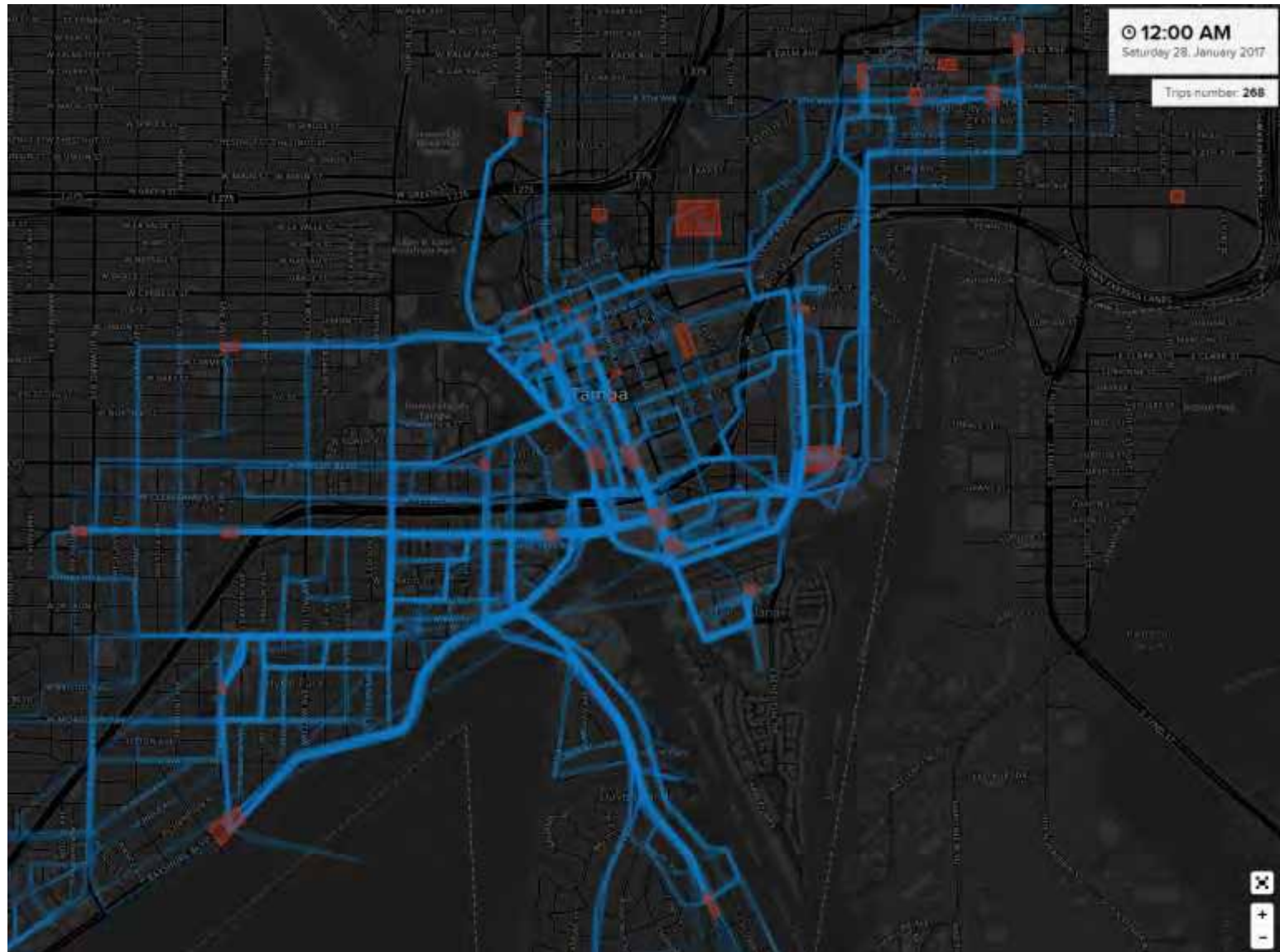
New employment cluster in several locations.

Expand Sustainable Transportation Options

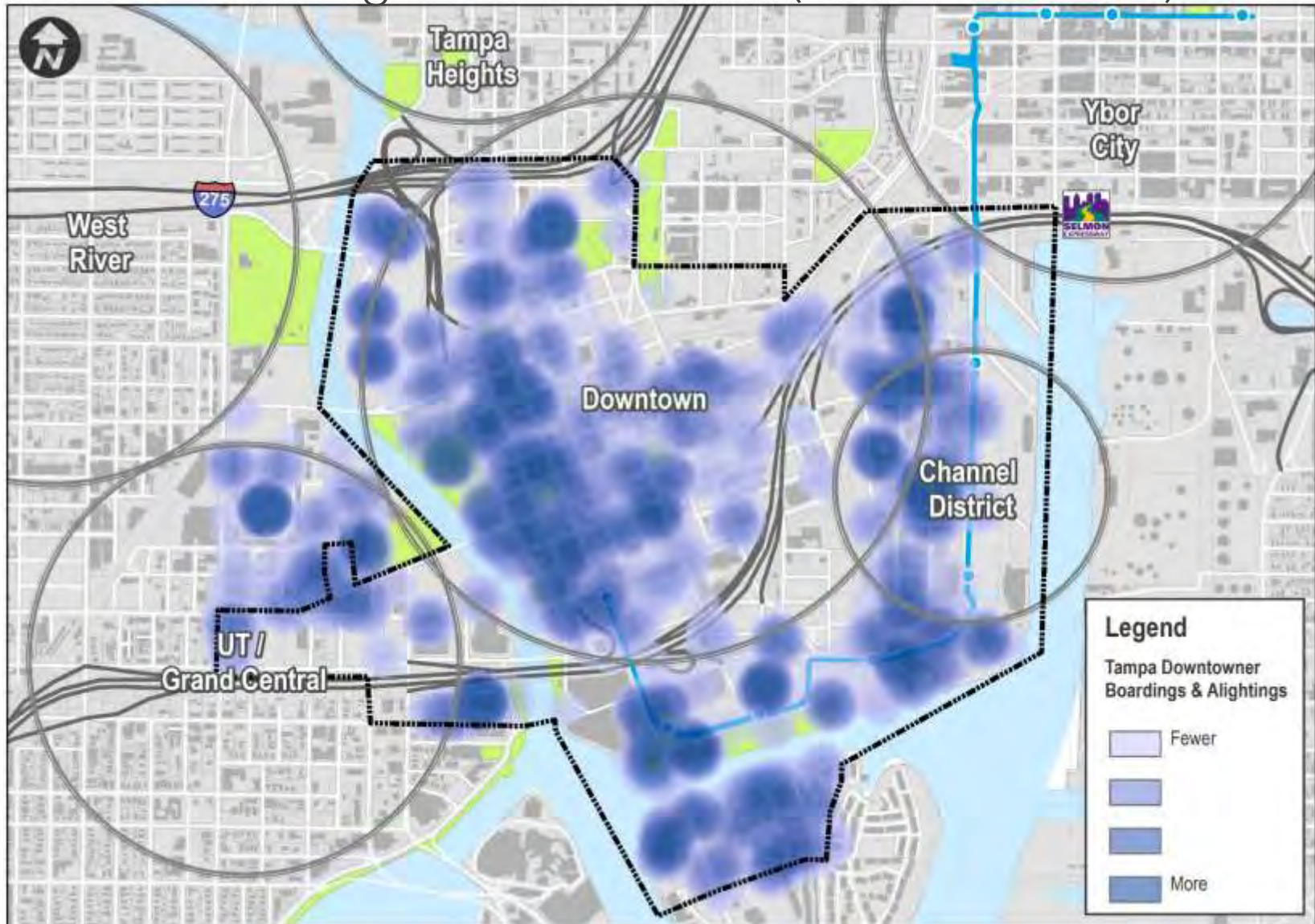
Provide an attractive alternative to single occupancy vehicle travel between City Center origins and destinations. Complement fixed route/schedule, on-demand, and shared mobility options.



Tampa Coast Bike Ridership (Saturday, Jan 28, 2017)



Downtown Origin-Destinations (ITD 2016-2017)



Approximately 9,200 Downtowner trips per month; 337 average weekday trips

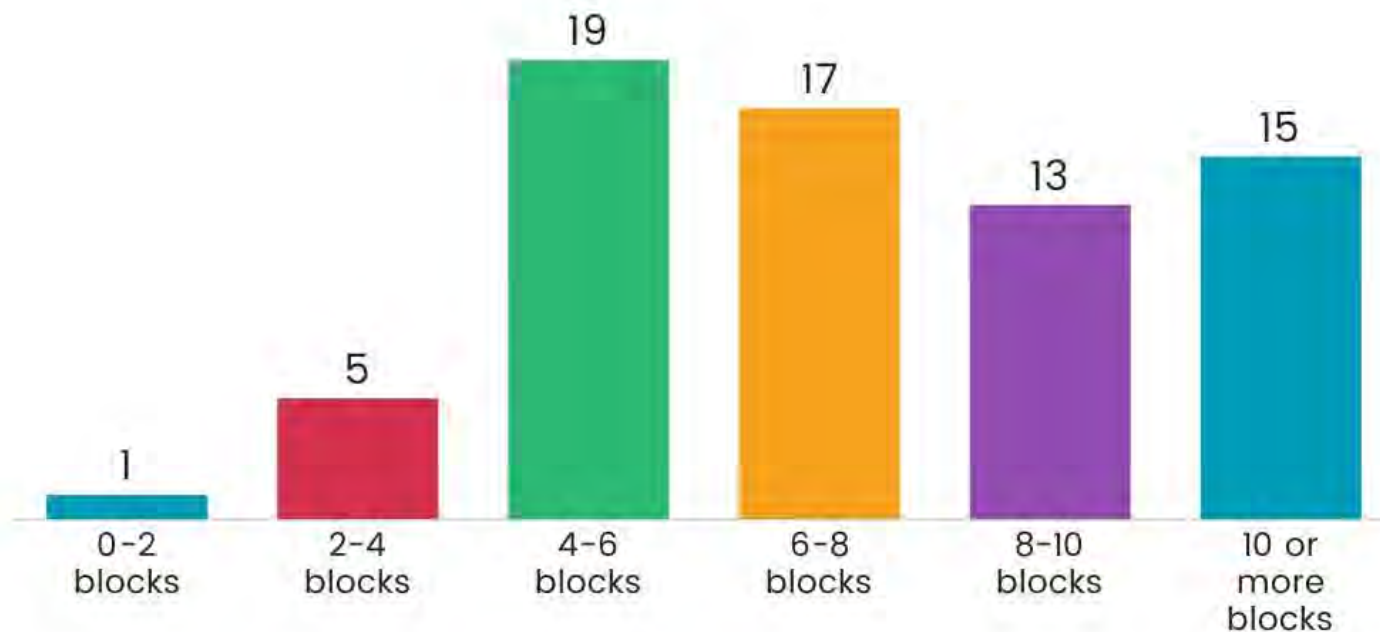


ROUND 3

Draft Purpose & Need?

What is the longest distance you would consider walking to a City Center destination?

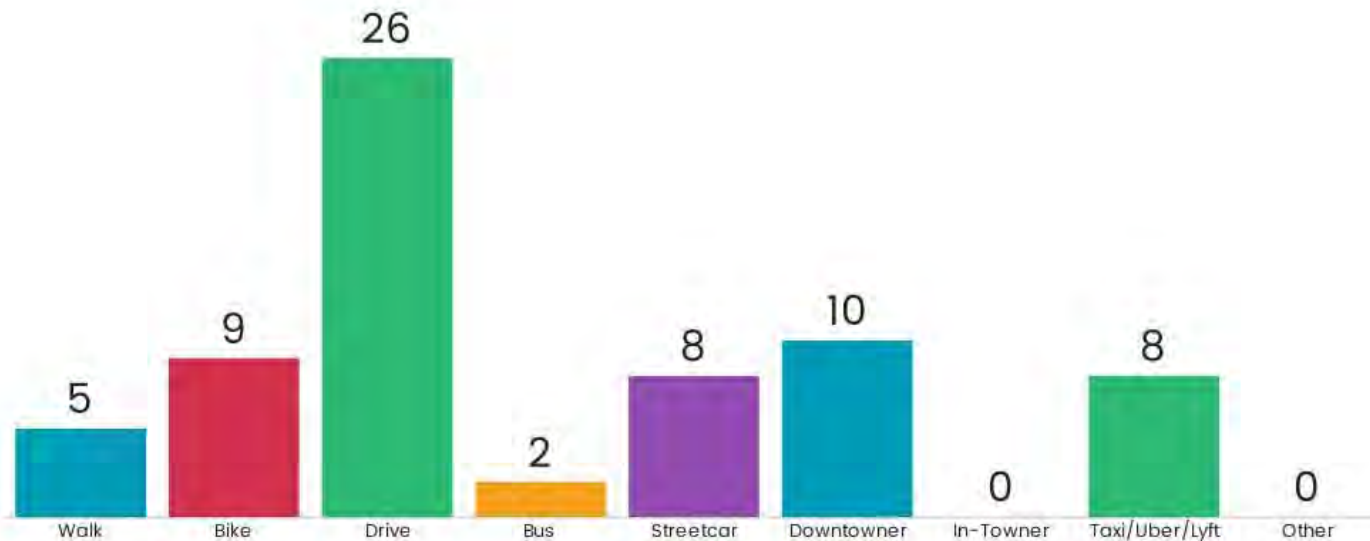
Mentimeter



70

For a typical City Center trip of more than 1 mile, how would you make the trip?

Mentimeter



68

Which existing City Center subdistricts should have the highest priority for enhanced transit service? (pick up to three)

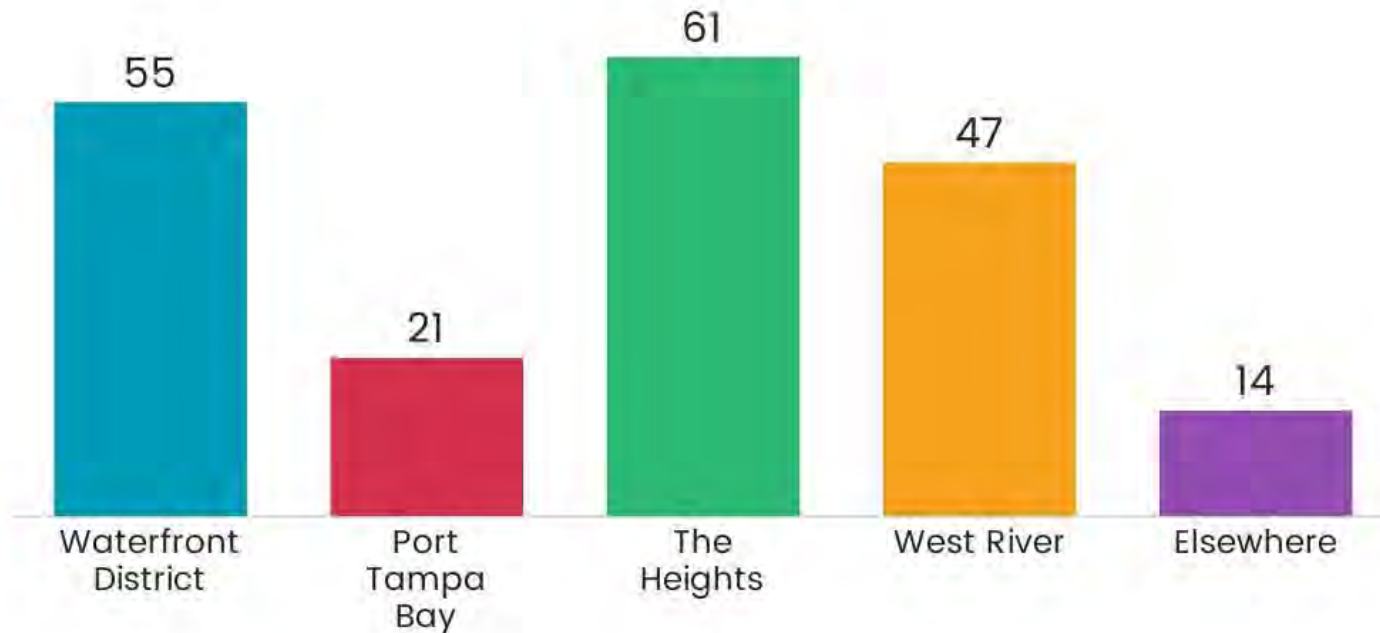
Mentimeter



70

Which planned developments should have the highest priority for enhanced transit service? (pick up to three)

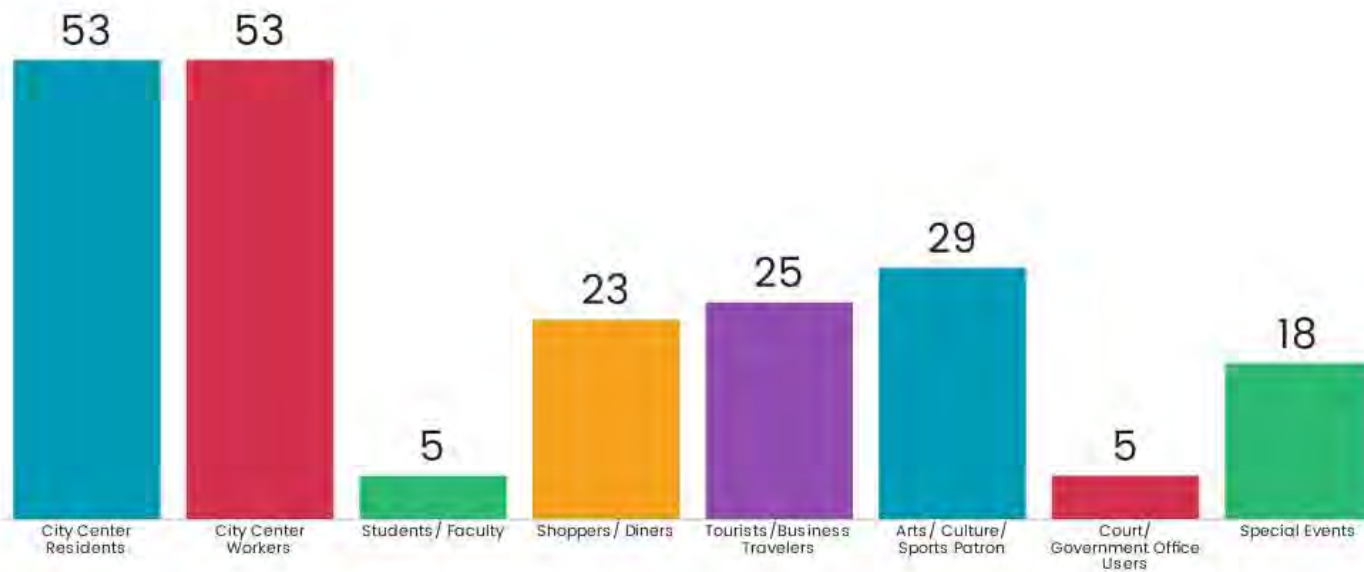
Mentimeter



72

What primary travel markets should be focused on for a City Center transit solution? (pick your top 3)

Mentimeter



72

How important is each draft Purpose & Need Statement?

Mentimeter



71

How would you prioritize the draft Purpose & Need Statements?

Mentimeter



74



Corridor Options

Steve Schukraft, HDR

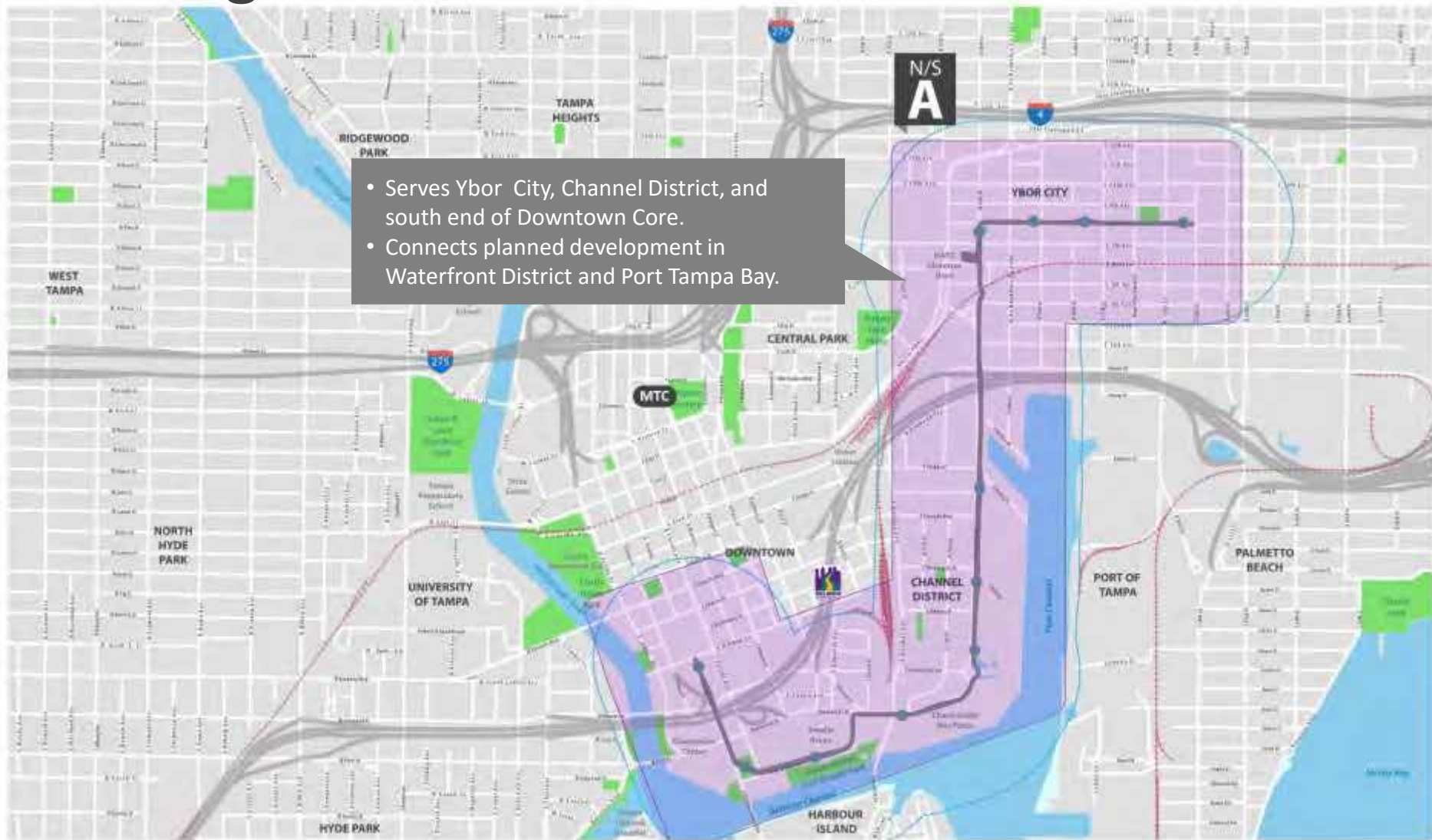


Corridor Options

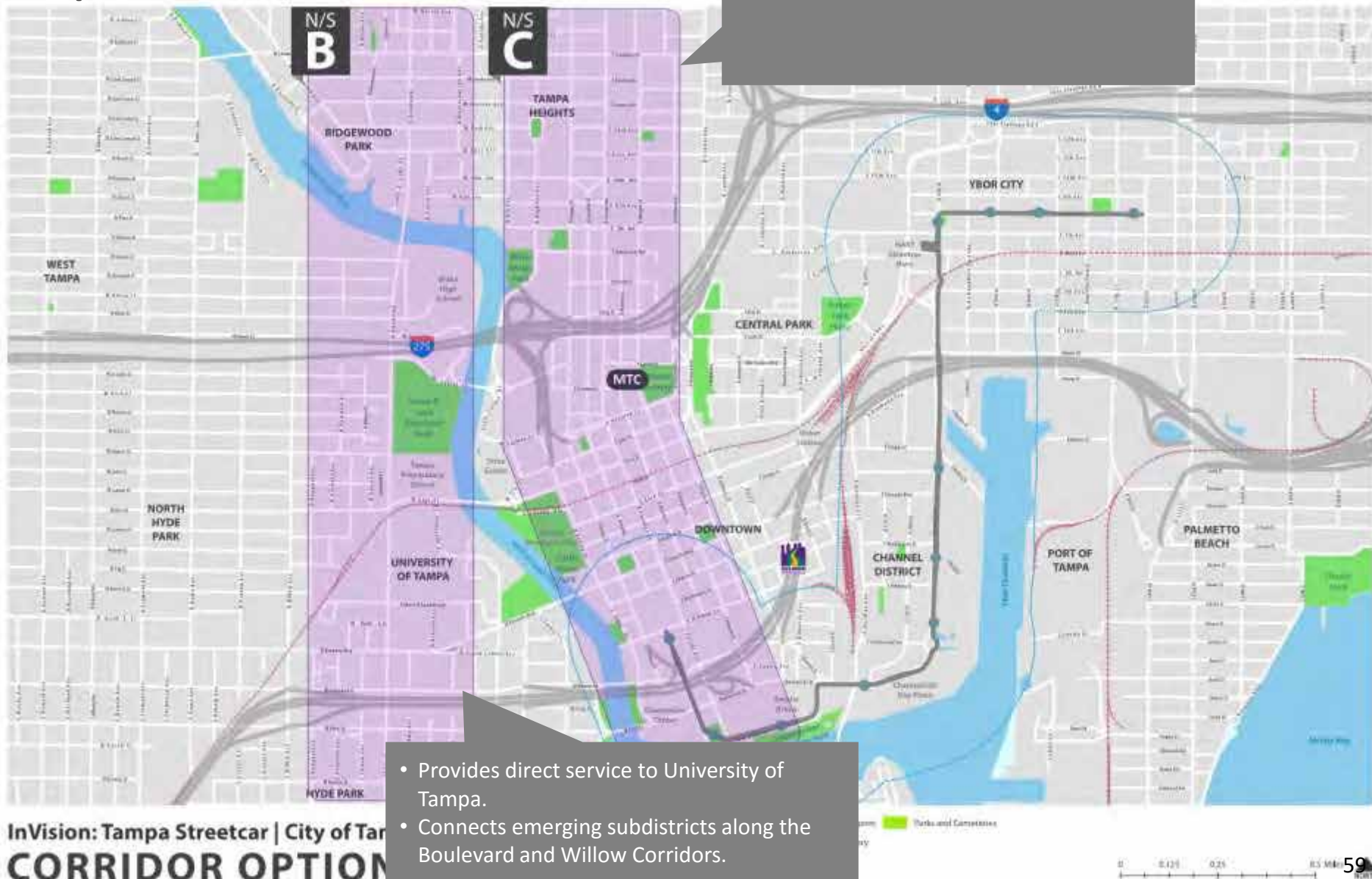
- Identify Productive Corridors (NOT ALIGNMENTS)
 - Generate ridership to justify investment.
 - Advance elements of the purpose and need.
 - Connect Downtown Subdistricts
 - Serve Travel Markets
 - Improve First Mile/Last Mile Connections
 - Support Economic Development
 - Expand Sustainable Transportation Options
- Build Foundation for Next Steps
 - Alternative definition.
 - Initial assessment of constraints and challenges.

Existing Streetcar

- Serves Ybor City, Channel District, and south end of Downtown Core.
- Connects planned development in Waterfront District and Port Tampa Bay.



N/S Corridors



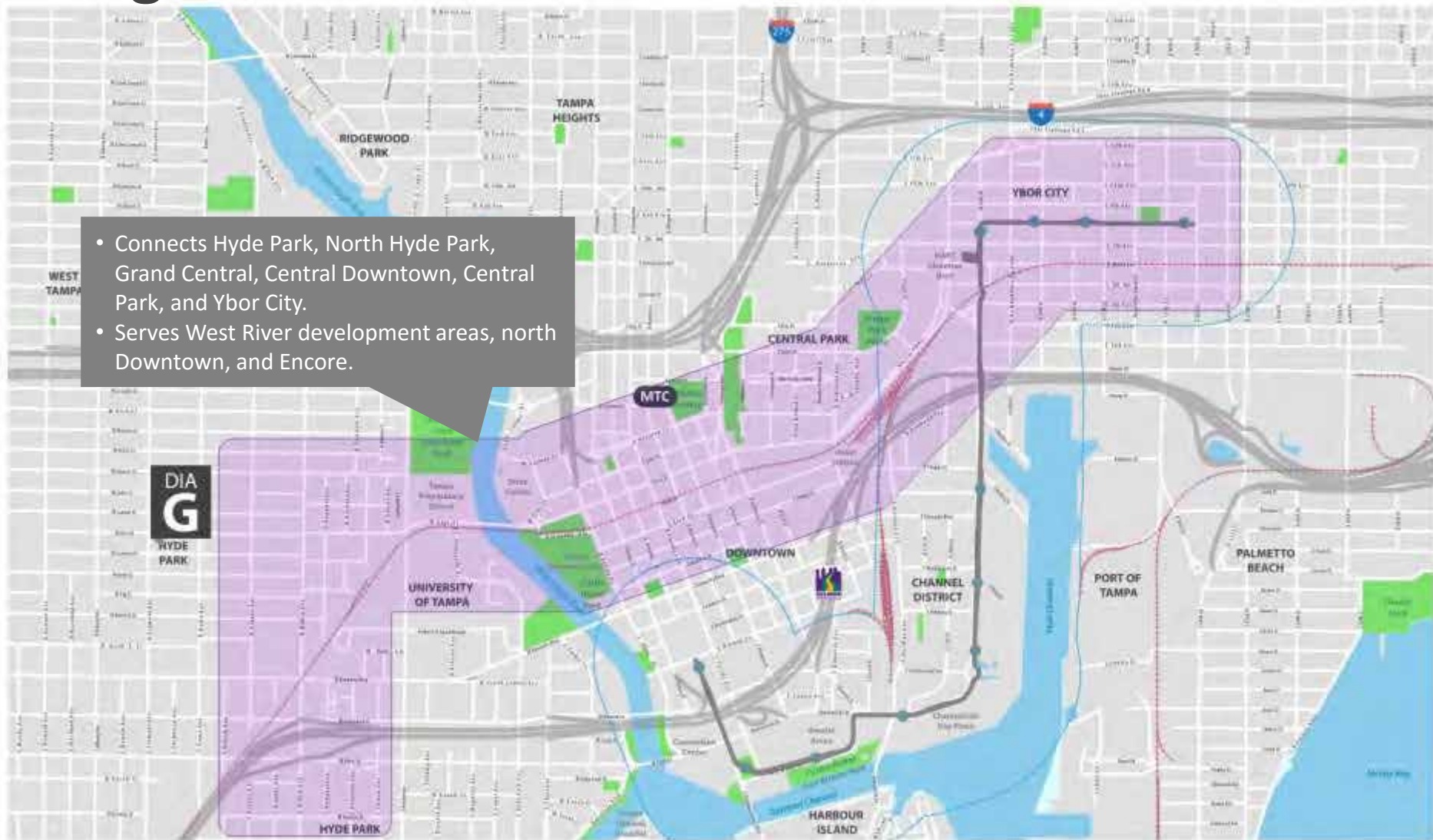
- Provides direct service to University of Tampa.
- Connects emerging subdistricts along the Boulevard and Willow Corridors.

E/W Corridors



Diagonal Corridor

- Connects Hyde Park, North Hyde Park, Grand Central, Central Downtown, Central Park, and Ybor City.
- Serves West River development areas, north Downtown, and Encore.



Corridor Option Discussion

KEY QUESTIONS BY CORRIDOR

- **Would enhanced transit service support the Purpose and Need?**
 - Connect Downtown Subdistricts
 - Serve Travel Markets
 - Improve First Mile/Last Mile Connections
 - Support Economic Development
 - Expand Sustainable Transportation Options
- **Will development in the corridor generate ridership and support a major investment?**



ROUND 4

Corridor Options?

Existing Streetcar Corridor

Mentimeter

Not At All

How well would enhanced service on N/S Corridor Option A (Existing Streetcar) meet the draft Purpose & Need?

3.1

Very Well

68

Which new N/S Corridor Option best meets the draft Purpose & Need?

Mentimeter



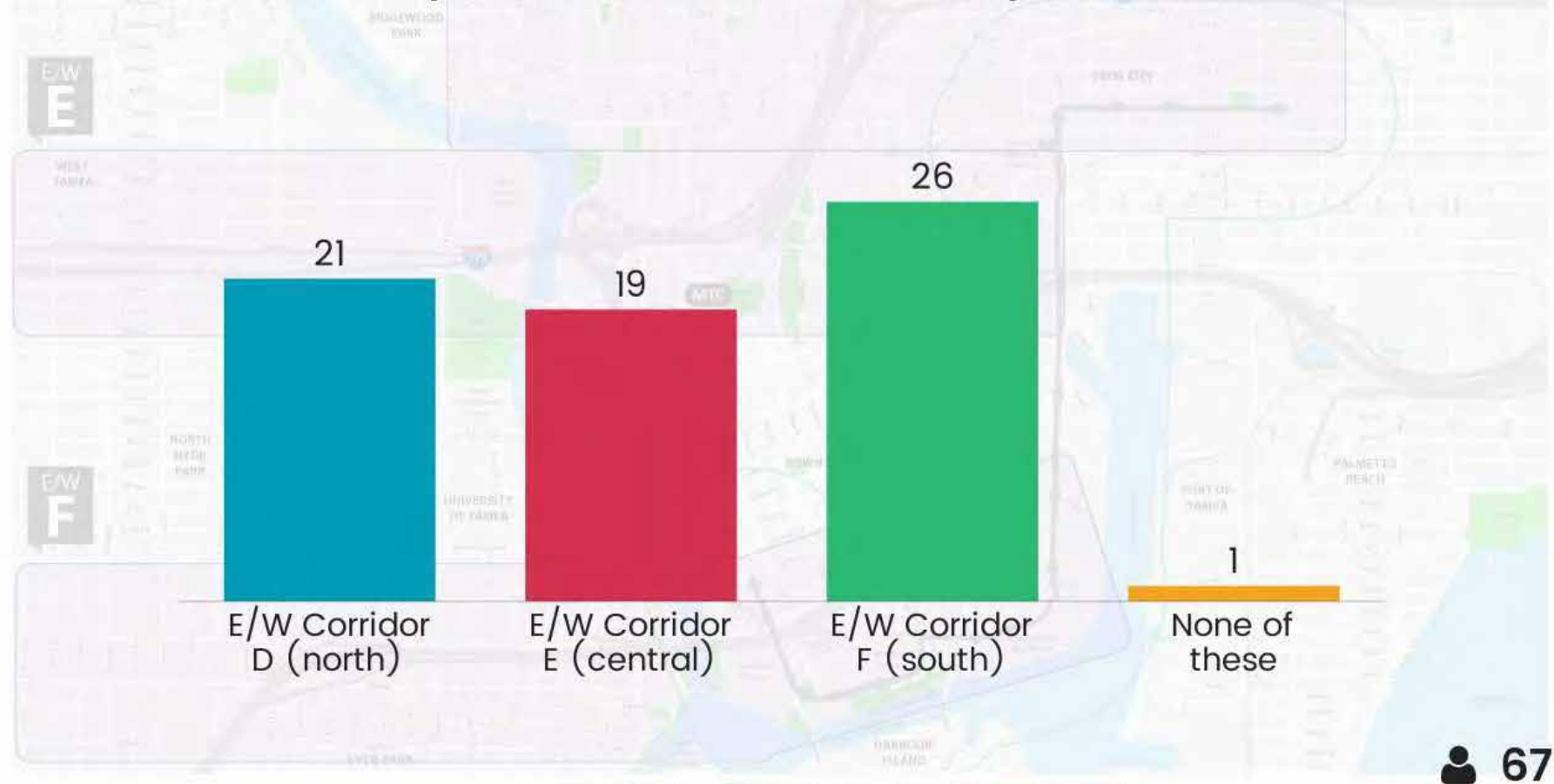
Are there other N/S corridors that should be considered?



21st/22nd	Highland
21st/22nd Ave.	Howard & or Armenia
Airport	Howard Ave
Airport	Howard ave
Airport	Howard/Armenia and Airport
Airport	Hyde Park Village to downtown
Ashley	Nebraska Ave
Bay shore	Nebraska Ave. Has the highest existing bus ridership.
Bayshore	Need connections to USF and New Tampa
Columbus Drive in Tampa Heights at Central Ave	Needs to go north of 275
Franklin	Not Franklin
Franklin	Rail along the right of way north and south of 275
Franklin	Rome Ave
	Howard/Aremia
	Palm Avenue
Franklin	Seminole heights
Franklin	South Howard Ave (SoHo)
FRANKLIN ST. Makes sense, walkable/pedestrian friendly, close to amenities, far enough away to penetrate deeper into downtown	Swing over to Tampa Heights.

Which E/W Corridor Option best meets the draft Purpose & Need?

Mentimeter



InVision: Tampa Streetcar | City of Tampa

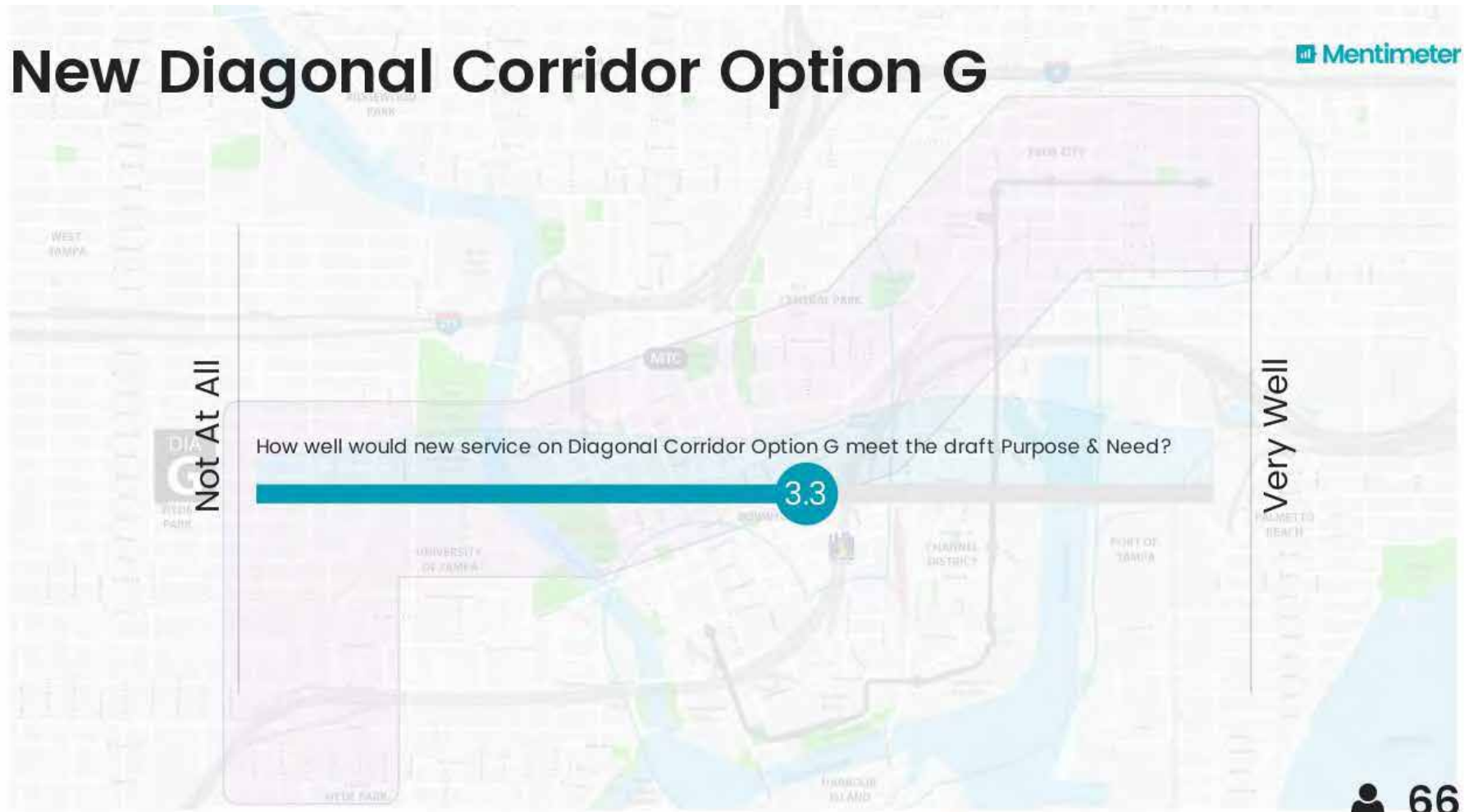
Are there other E/W corridors that should be considered?



7th Ave to connect back w/ streetcar in Ybor. Loop allows continuous loop & interesting ride for riders. Could make N/S and E/W 2 lines	Floribruska/MLK/Columbus (Further North)
Airport	HPV VIA UT to Straz then south
Airport	Into Westshore and to the airport.
Airport	Kennedy
Airport	Kennedy
Azeele	Kennedy
Bayshore	Kennedy and Jackson
Bruce Wayne Monorail System	Kennedy ave
Columbus	Kennedy to west shore
Columbus	Kennedy west
Columbus	Main St or Cass St to West Tampa
Columbus ave	Main Street into downtown.
Columbus to River connect to Water Taxi	North south has greater potential for ridership and development opportunities
Columbus to stadium / HCC	Not Kennedy
Columbus/Floribruska/Central Ave	Not that I can gather
Combine B E and F but on west side of river	Palm Avenue
Connect to Palmetto Beach	Pinellas
Connect to Westshore & Airport	Rail along the right if was on I4
CSX LINE	Swann
Cypress	The Csx tracks should take care of east west
Do NOT put transit down the middle of the interstate.	The diagonal option
Floribruska	Westshore
	Yes, to facilitate regional connections. :)

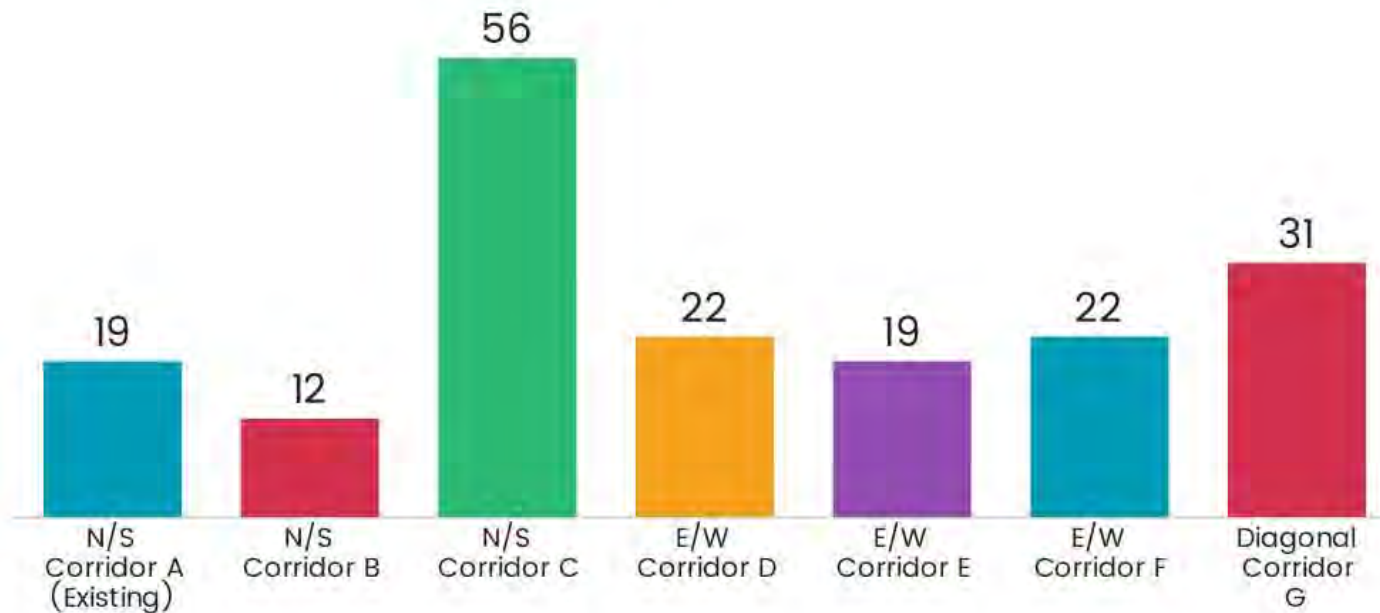
New Diagonal Corridor Option G

Mentimeter



Select the top 3 corridors for improved or new service.

Mentimeter



65

Are there any other corridors that should be considered?



Airport	Cypress to TIA
Airport	Do NOT put transit down the interstate, including regional/commuter (exception: brightline)
Airport	Floribruska/MLK/Columbus (Further North). 21st/22nd Ave.
Airport	Hillsborough River
Airport	Je ne sais pas
Airport	Loop existing through channelside
Airport	Loop that includes downtown
Airport and Westshore	Main Street Westward. Nebraska Ave.
Airport to downtown	Make full loop around city to reconnect what 275 divided
Airport. Westshore.	Nebraska
Airport/Westshore	New baseball stadium
Autonomous vehicle/ no fixed corridor	Not Kennedy
Bring back Sulphur Springs!	Rome
Bring back the green line intowner	Seminole Heights
Columbus	Seminole Heights as a bridge to the Innovation District
Columbus Ave, Cass st for E/W. I think N/S corridor has to be Franklin as North Franklin areas (and Heights) has so much potential.	Soho eventually to Port Tampa
Connect downtown to USF area	Think twice before you destroy the pedestrian mall potential Franklin street mall has and can be. Keep street car on perimeter. walk to core
Connect the existing line to the MTC bus station	Too many choices for center city already
Corridors that contribute to regional connections to facilitate travel into & out of the downtown area.	USF Connection
Crossing river will be a challenge!	USF connection
CSX	West Tampa/Stadium
Cypress & Cass street	Westshore
	Westshore/International/airport
	whatever is the most aesthetic



Open Dialogue

Steve Schukraft, HDR



OPEN DIALOGUE

- Be brief – 1 minute or less.
- Be nice.
- Let us know your name and interest in Downtown – live, work, visit, etc.
- Focus on tonight's topics:
 - Purpose and Need
 - Corridor Options
- Use the comment form for additional thoughts.

STAY ENGAGED

- Fill out a Comment Form.
- Attend the Results Roundtable on Tuesday, May 2, 2017 at 5:30 p.m. at the Ybor Room, HCC Ybor Campus
- Check the project website for updates – www.tampagov.net/streetcar
- Follow the City of Tampa on Facebook and Twitter @CityofTampa.
- Email the project team at streetcar@tampagov.net.
- Contact the City Project Manager Milton Martinez, P.E. at (813) 274-8998.



THANK YOU!

